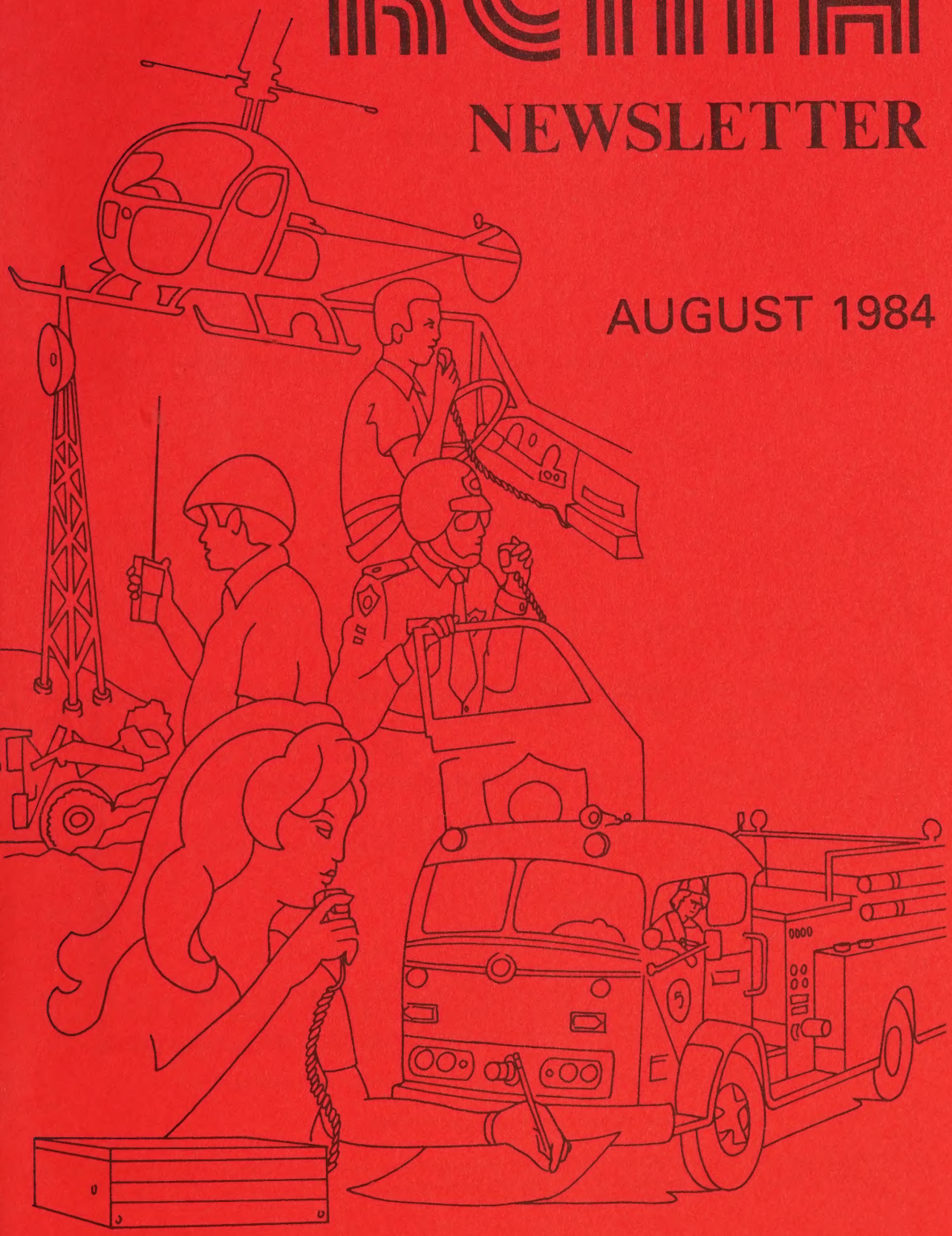
# RCMA

# NEWSLETTER



AUGUST 1984

FIRST NATIONAL AND INTERNATIONAL ORGANIZATION
OF MONITOR RADIO LISTENERS

## RCMA BOARD OF DIRECTORS

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Bill Ell (CA-LA-185)
2831 Hermanos St.
Pasadena, CA 91107

**TREASURER**

Mike Lussier (ID-001)
P.O. Box 3962
Santa Fe Springs, CA 90670-1962

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## RCMA NEWSLETTER

**GENERAL MANAGER**
**Editor • Business Affairs • Advertising**

Carol E. Ruth (CA-OR-100)
P.O. Box 542
Silverado, CA 92676

**ASSISTANT EDITOR**

Ginny Slick (MD-012)
1 West Potomac
Williamsport, MD 21795

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## RCMA REPRESENTATIVES TO THE ASSOCIATION OF NORTH AMERICAN RADIO CLUBS

Jerry Short (CA-OR-002)

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**FOR YOUR INFORMATION:**

1. All club business, unless otherwise noted, must be addressed to R.C.M.A. General Manager, P.O. Box 542, Silverado, CA 92676. This includes matters that relate to renewals, changes of address, newsletter delivery problems, joining the club, etc.

2. Input to the RCMA Newsletter must be mailed to the proper editors, whose addresses are included in the individual column headlines. If no particular column seems appropriate, send input to RCMA, 1 West Potomac, Williamsport, MD 21795.

3. To forward a letter to a specific RCMA member whose address you do not know, put your message to that person in a stamped envelope with your return address on it; mail to RCMA General Manager, P.O. Box 542, Silverado, CA 92676.

4. Please include your RCMA membership number with all correspondence to newsletter editors or club headquarters.

5. If you require a reply when writing to RCMA headquarters or to one of the editors, you MUST enclose a self-addressed, stamped envelope.

6. Please write on only one side of the paper.

7. Please don't combine in one letter several items that should go to different addresses.

8. If you want to type what you submit to the newsletter, please don't exceed a seven-inch column width and please single space. Doing this may save an editor from having to retype the material. Please don't use script type.

9. Your RCMA membership number and expiration date appear on your newsletter mailing label.

10. You may join or renew your membership for ONLY one year at a time.

11. RCMA accepts paid advertising. For information on advertising rates and mechanical requirements, contact Carol Ruth, RCMA Advertising Manager, P.O. Box 542, Silverado, CA 92676.

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Issue 102 August 1984
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RCMA, P.O. Box 4563, Anaheim, CA 92803

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# ATTENTION -

TO ALL RCMA MEMBERS AND PROSPECTIVE MEMBERS -

PLEASE ADDRESS ALL CORRESPONDENCE (INQUIRIES ABOUT MEMBERSHIP, RENEWALS, ADDRESS CHANGES, DELIVERY OR RENEWAL PROBLEMS) TO:

CAROL RUTH
RCMA GENERAL MANAGER
P.O. BOX 542
SILVERADO, CA 92676

CORRESPONDENCE SENT TO RCMA'S ANAHEIM POST OFFICE BOX WILL STILL BE ANSWERED, BUT THERE WILL BE A 4 - 6 WEEK DELAY.

The RCMA Newsletter is published monthly by members of the RADIO COMMUNICATIONS MONITORING ASSOCIATION, P.O. Box 4563, Anaheim, CA 92803. Subscription rate/membership fee is $16.50 for U.S. residents. For persons in other countries, the following rates apply: Canada and Mexico—$18.50; Europe—$20.00, South Pacific and Asia—$21.50. These dues are payable in U.S. funds and are subject to change. Information contained herein is obtained primarily from members and does not necessarily present the position or reflect the opinion of RCMA as a whole. The RCMA does not necessarily recommend or endorse products or services advertised herein. The publication is copyrighted © Reproduction of any material in this newsletter is prohibited without prior written consent.

# RCMA

## ooo Calendar ooo

Send notices of upcoming events for the Calendar section to:
John Clark, RCMA, P.O. Box 4653, Anaheim, CA 92803.
Please send notices well in advance of the Newsletter deadline.

R.C.M.A. Greater L.A. Area Chapter

Contact : Eric J. Christensen (CA-LA-045)
P.O. Box 3962 Santa Fe Springs, CA 90670-1962

Meeting Location: Mercury Savings & Loan, Valley View and Lincoln
Buena Park, CA, 2nd floor(elevator in rear)
Unless otherwise noted, meetings are on the 4th
Friday of the month and start at 8:00 PM

July 27 FRIDAY Los Angeles Summer Olympic Games Special Interest meeting
8:00 PM Mercury Savings & Loan

This meeting will be dedicated to the Los Angeles Summer Olympic Games, which will be in effect from July 28 until August 12. Bring all of your frequency lists for a last minute update on the Eve of the Olympic Games. All out-of area RCMA members who plan on visiting the games sould check in here for latest updates.

August 24 FRIDAY Tour of LAPD Communications Division - ECCCS 8:00 PM
4th Floor Basement, City Hall East, 200 N. Main Street at Temple Street, Los Angeles.

RCMA has been given a very special invitation to tour LAPD's new and fantastic Communications Center which they call ECCCS. Our tour is 2 weeks after the ending of the Olympic Games and will provide us the opportunity to see the "Nerve Center" of the games and the LAPD. This is the chance to tour one of the newest and most sophisticated police communications centers in the nation.

September 28 FRIDAY Special Guest Speaker Mr. Gene Hughes, Editor Police Call
8:00 PM Mercury Savings & Loan

Mr. Gene Hughes (CA-LA-006) will be the kick-off speaker for the for the start of The Radio Communications Monitoring Associations 10th year.

October 26 FRIDAY Open meeting date

November 16 FRIDAY Note this is the 3RD Friday of the Month.

TOUR - Orange County Fire Department Station 91 Dispatch Center.
180 S. Water Street, Orange, CA (cross street Almond) 8:00 PM

December 28 FRIDAY -- No meeting

Event for October has yet to be scheduled. Any one having a suggestion or an idea for a meeting or tour please contact Eric.

Southern New England Scanners Club

Contact Robert Murphy SNEC President 401-353-0208
P.O. Box 1591, Pawtucket, RI 02862

Calendar continued

R.C.M.A. Chicago

Contact Edward Robert Sirovy IL-004 312 969 2856
311 S. Williams Street, Westmont, Il 60559

Meetings: NANCINI'S Resturant 5555 St Charles Road, Berkeley, Il
two blocks east of St Charles Road exit from Eisenhouer
Expressway Extention I-290 (phone 312 544 7277)

| | | | |
|---|---|---|---|
| Saturday | August | 4, 1984 | 1:00 PM |
| Sunday | August | 19, 1984 | Picnic/Field Exercise * |
| Saturday | September | 22, 1984 | 1:00 PM |
| Saturday | November | 10, 1984 | 1:00 PM |

*Write for time, map, and details of this fun day

Visitors are welcome but please confirm the date in advance.

A SASE on file assures notification of tours and other item which may be scheduled on short notice.

R.C.M.A. Philadelphia

Contact: Gerald M. Schoaf, Floyd Schoenberg, C. Willard Load
PA-036 PA-076 PA-164
P.O. Box 213, Upper Derby, PA 19082 (215) 356-1982

Meeting the first Monday of the month, 7:30 PM at

Saint James Church Next to "The Grange"
Corner of Myrtle Ave & Warwick Road
Haverford, PA 19083

Talk In On: CB Channel 9 GMRS 467/462.675 Hams 147.66/.06

R.C.M.A. for D.C., MD, VA, & DE

Contact: Capitol Hill Monitors % Alan Henney (MD 069)
6912 Prince Georges Ave, Takoma Park, MD 20912

R.C.M.A. Connecticut Chapter

Contact Bill Moore CT 038 203-223-0840
950 Farmington Ave, New Britain, CT 06051

R.C.M.A. Minneapolis-St. Paul Area

Contact: Chuck Steier MN-008 (612) 927-9253
4820 Hwy 7, Minneapolis, MN 55416

A SASE on file assures notification of chapter activities (tours, gatherings, etc) non members are welcome to attend.

All Ohio Scanner Club

David B. Marshall OH 146 President
50 Villa Road, Springfield, OH 45503

Austin Area Radio Listeners Meeting

Meeting every 3rd Tuesday 7 PM Austin Public Library 4th floor room B. For more information, contact Richard Quintanilla TX 043 Austin Radio Club, P.O. box 5053, Austin Tx 78763

| | |
|---|---|
| June 19, 1984 | Oct 16, 1984 |
| July 17, 1984 | Nov 20, 1984 |
| Aug 21, 1984 | Dec 18, 1984 |
| Sept 18, 1984 | |

NEED BACK ISSUES OF THE RCMA NEWSLETTER?

| Lots (Months/Year) | No. of Issues | Price |
|---|---|---|
| Sept 75 - June/July 76 (No Oct or Nov published) | 7 | $2.00 |
| August - Dec 76 (No Oct published) | 4 | $3.00 |
| Jan - June 77 | 6 | $4.00 |
| July - Dec 77 | 6 | $4.00 |
| Jan - June 78 | 6 | $5.00 |
| July - Dec 78 | 6 | $5.00 |
| Jan - June 79 | 6 | $6.00 |
| July - Dec 79 | 6 | $6.00 |

1980-83 issues are available at $1.50 per copy.

| Order Total | Include This Amount of Postage |
|---|---|
| $ 1.50 - $ 5 | $1 |
| $ 5.50 - $10 | $2 |
| $10.50 - $15 | $3 |
| $15.50 - $25 | $4 |
| $25.50 - $35 | $5 |
| Over $35 | $6 |

Send your request & check/M.O. (payable to RCMA) to Secretary Bill Ell, 2831 Hermanos St., Pasadena, CA 91107

# THOUGHT waves

Ginny Slick, RCMA Assistant Editor, 1 West Potomic, Williamsport, MD 21795

Welcome to the August '84 issue of the RCMA Newsletter! Ginny will return next month with her regular column. She'll have some good news in the form of information on new editors for now-vacant columns. In addition, we're planning to add a 'computer column' – the details on which will be available next month. We should have an editor's name to give you, and possibly the initial column as well!

Thanks are in order to Bill Mauldin, Public Safety - South East Editor, who wrote last issue's Thought Waves.

Managing Editor

## YOUR THOUGHTS

1 West Potomac, Williamsport, MD 21795

I just came back from a truly exciting day at the 1984 World's Fair in New Orleans. Trying to see everything in one day is just impossible. A minimum of two days should be considered. A third day is suggested in order to take in the other attractions in New Orleans such as the French Quarters, the French Market, Canal Street, the Louisiana Superdome and many fine restaurants in town.

For the monitoring buff, there is quite a few things to listen to. In addition to the normal police and fire frequencies, there are the marine frequencies, aircraft frequencies, TV two-way radios that most kmow about. As for the World's Fair, a person could listen to several frequencies while visiting the Fair. I was able to listen to operations and security on 460.250, 460.350, and 460.450. EMT's seems to be on 453.450.

It seems that the Fair is operating on frequencies assigned to the state police. Look for other state frequencies. Another frequency that could be interesting would be the frequency for the New Orleans Police foot patrol - possible 460.300 (Tac freq) or 460.125 (car-car). Police officers, both city and state, are assigned on

every corner in and around the Fair site. There seems to be a lot of time and money spent for this extra security, 16-18 hours a day, seven days a week.

The tour guides in the U.S. Pavillon operate on their own frequency as does the Chrysler Pavillon. The monorail operates on its own frequency.

Neal Parker (TX-150)

To the Editor:

Regarding the recent comments made about membership input and support, I'd like to make a couple of suggestions.

One thing that bothers me personally is that, with the exception of the editors with whom I correspond semi-regularly, I seldom receive any acknowledgement that my input was even received. Even though the material may appear months later, it bothers me that the editor couldn't spend two minutes and 13¢ to drop a postcard in the mail and say "hey, thanks". I make it a point to answer or acknowledge any letter I get, whether it ends up in my column or not.

Another thing I've suggested to some senior members for years now is complete autonomy of the regional columns. Each regional column would be responsible for all aspects of monitoring for his area, not just Public Safety. Everything from meeting notices to Business listings to frequency requests would be in those columns. Do away with any remaining "sub-columns", they just confuse people. Rearrange the states or areas covered, if necessary. Only a few "special interest" columns should remain — the Marketplace column, Tech.Topics, Skip, etc. (And mine, of course!)

This should only be accomplished through attrition. All the other, present editors are doing a great job and this shouldn't reflect on them. It will also put a greater responsibility on the regional editors, and their responsiveness to the members would have to be carefully monitored. But I think this would do a lot to stimulate member participation. I don't know about anyone else, but I never did think much of sending the odd police frequency change to our regional editor, and a list of security companies to some guy "back east". If anyone else agrees with me, let the managing or the assistant editor know.

George DuBois (OR-001)

To the Editor:

I missed the deadline for the 100th (June'84) issue of the RCMA Newsletter, but after reading the articles from Iden Rogers, Bob Leef, etc., I just had to sit down and write something.

As Iden said, it hardly seems like almost ten years and 100 issues have gone by since we started RCMA. I really don't remember how I met Bob Leef, but somehow I found his store and visited with him several times. We talked about an organization like RCMA, and he put me in touch with Dan McLean and Iden Rogers. I do remember the first several meetings at Bob's store. There were some good discussions -- some very heated--as to how, why, what we were going to do. Somehow, we all finally agreed and would go on to the next subject. The first meeting was held in a local school in Anaheim and the turn out was thrilling. From that point on it's history, really.

The work load of the mailing list, money, editors, etc., was massive. As in all organizations, the same few did all the work. Not to say that we didn't get volunteers and good workers, but it was difficult. I remember spending many long nights at the fire station (where I work) with Dan McLean, working on mailing lists, member directories, dues, etc.

At the beginning it was easy, but as we expanded and more people changed addresses, etc., the work got heavier. We were finally forced to drop distribution of the membership list because no one could keep

up with all the changes and constant revisions. We used to change a member's I.D. number when he moved, but that got to be such a big job we stopped doing it also. Finally, we had to split up the work even more. We gave maintenance of the mailing list to one person, and since that time have gone through three people with computers. It's a big job! I did the membership dues list for years--that's a big job, too.

Over the years, the same membership complaint has been that ours is an all Southern California operation. With respect to some of the operation, that might be true. But when it comes to items in the newsletter, that's just not true; the June '84 issue, for example, had 6 out of 104 pages on California. Perhaps what isn't realized by a lot of members is that Southern California is where RCMA started and remains an area with lots of people, radios, and action.

But as both the membership and the areas covered by the newsletter have grown, newsletter content has also grown. It appears to me that almost every area of the U.S.--and at times, the world-- is covered. One thing that has to be remembered by the membership is that the contents of the newsletter come from YOU, the MEMBER. Without the constant flow of information from the membership, there will be no newsletter. There have been problems with a few editors over the years, but all in all, our editors have done an outstanding job. They deserve a real pat on the back!

We get lots of suggestions from members with good ideas from time to time, but not many offers of actually doing the work necessary to put suggested programs into operation. Remember, we don't have paid personnel, and making an idea work means someone has to do something. How about when suggesting something, try to include ideas on how to make it work? There are a lot of people in RCMA, and a request for assistance in your home town area might get some volunteers. There must be some members with home computers out there who could create membership lists for member-distribution a couple of times a year.

In parting, I just want to say that it's been--and still is--fun to be one of the founding fathers, as well as still active in RCMA (somewhat limited now). I must say thanks to all the members who have worked so hard to make RCMA a success; keep up the great work! The next ten years will be better yet. Just keep in mind that the little bit you contribute to RCMA benefits all and keeps RCMA strong.

GEORGE (CA-SB-08)

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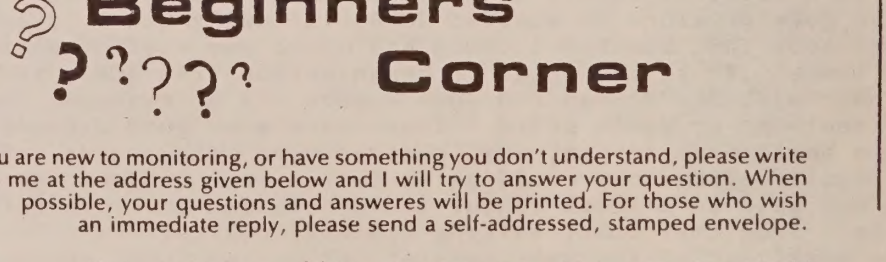
ABOUT THE MAY '84 ISSUE —

Many of you received yours late. Reason? It was delayed at the Mailing Service and did not reach the Anaheim P.O. until April 26.

Please keep in mind that we mail with the 1st day of the cover date as the target delivery day. So even if you usually receive your newsletter earlier, wait until then to notify us of a missing issue.




If you are new to monitoring, or have something you don't understand, please write to me at the address given below and I will try to answer your question. When possible, your questions and answeres will be printed. For those who wish an immediate reply, please send a self-addressed, stamped envelope.

Bob Quinlan, 2210 N. Menard, Chicago, IL 60639

No column again this month; are there no more "beginners?" out there? Bob reports no mail for some time now, so this columnhead will be printed each month in the hope that questions will again come his way. When they do, you'll see a "Beginners Corner."

Editor

# Aircraft

Send private, commercial, firefighting and law enforcement aircraft frequencies of interest in the 108-136 MHz range and frequencies in other bands above 30 MHz associated with airports and aircraft plus questions, articles and tips related to aircraft monitoring to:

The FAA has released a Petition for Rulemaking and is soliciting comment from the public on whether to require aircraft two-way radios to be equipped with circuitry to disable the transmitter in the event of a stuck microphone. The ABD (Anti-Blocking Device) would prevent a pilot from transmitting on a frequency already in use and would also disable the transmitter after a nominal period, 10 to 15 seconds, if no audio was transmitted. Stuck microphones, of course, cause serious problems — instructions cannot be given to aircraft and at critical times during approach this may cause other aircraft to deviate or go-around. And obviously, instructions cannot be given to the offending aircraft, causing further hazard. The Pan Am-KLM disaster at Tenerife in the Canary Islands a few years ago was apparantly caused by a stuck transmitter, blocking an ATC tranmission.

ABD devices could be added externally to aircraft radios, built internally into new equipment or added to new microphones, at only a slight increase in cost. Their use would be mandatory at certain high-density Terminal Control Areas.

The above was contributed by George Dubois (OR-001), Editor of the FCC Topics column. Thanks, George.

# Business, Etc.

This column is for reporting frequency and radio system information for the following varied services: business, forest products, petroleum industry, special industrial, manufactureers, news media (behind-the-scenes radio, TV & newspaper), motion picture industry, security (private patrol, detective agencies, campus security & police, amusement park & stadium security, shopping center & mall security, plant/business/hotel security, etc.), General Mobile Radio Service (GMRS), mobile phone/RCC & paging, trucking firms, bus lines, taxi cabs, tow trucks, utility companies (private & municipal water, power, electric, gas, telephone, etc.), and all school & college related frequencies. Send information and questions pertaining to the radio services covered in this column to: Brandt Niemuth, P.O. Box 541, Rosemont, IL 60018

Welcome to another edition of "Business, Etc" activity.

From a new contributor, Joe Velasquez (CA-SO-006), who complains of the lack of membership in the Solano County, CA area comes the following material;

| | | | |
|---|---|---|---|
| (R)451.1 | | Solano County Irrigation District | |
| 153.605 | | Vacaville PG & E | |
| (B)(S)482.8875 | WIE925 | Vacaville City Coach Buses | Fairfield |
| (M)(S)485.8875 | | Vacaville City Coach Buses | Vacaville |
| 161.73 | | KGNR Airplane Traffic Watch | Sacramento |
| 455.2125 | | KGO Helicopter Traffic Watch | San Fransisco |
| 450.45 | | KCRA Ch 3 Vans, Etc | Sacramento |
| 455.8 | | KFBK Traffic Watch | Sacramento |
| (B)152.39 | | Vacaville Commercial Taxi | |
| (M)157.65 | | Vacaville Commercial Taxi | |
| 151.715 | | Nut Tree Associates | |
| 151,715 | | G E Cablevision | Vacaville |
| (R)462.4 | | Apple Computer | Cupertino |
| (R)462.9 | | IBM Research | San Jose |
| 161.67 | | KPIX Ch 5 News | |
| (S)464.875 | | Lucky Warehouse Trucks | Vacaville |
| (S)467.8 | | Lucky Warehouse HT's | Vacaville |
| (R)490.2125 | | Taylor Heating & AC | Vacaville |

Business, Etc. continued

| | | |
|---|---|---|
| (R)464.225 | R C A Corp | Oakland |
| (R)152.6 | Solano County Mobile Telephones | |
| (R)488.5125 | Bay Area Pollution Control District | |
| (R)488.9625 | Bay Area Pollution Control District | |
| (R)489.5125 | Bay Area Pollution Control District | |

Amateur Radio Repeaters;

| | |
|---|---|
| 147.000 | Mount Vaca location |
| 444.000 | Mount Vaca location |

(S) indicates simplex (R) indicates repeater
(B) indicates base (M) indicates mobile
Thanks Joe for a fine list for your first contribution.

From Jim Sokol (CA-SF-030) comes the following;

| | | | |
|---|---|---|---|
| 153.545 | WXP 214 | P G & E | San Jose |
| 153.56 | KMF 917 | P G & E | San Mateo |
| 451.05 | KMH 357 | P G & E | South San Francisco |
| 151.685 | WZR 839 | Betts Alarms | San Pablo |
| 151.715 | WXN 372 | American Patrol Service | Palo Alto |
| 151.715 | KQS 259 | American Protective Service | Oakland |
| 151.805 | KRB 769 | Milton Meyer & Co | San Francisco |
| 151.865 | KXW 693 | W Berry Hurley Corp | Burlingame |
| 151.865 | KKZ 421 | Sherwin-Williams Co (Paging) | Emeryville |
| 151,895 | KLM 216 | Fireman's Fund Insurance | San Francisco |
| 153.14 | KFB 341 | FMC Corp | Newark |
| 163.25 | KXG 832 | San Francisco City & County | |
| 450.15 | KLI 921 | Miami Valley Broadcasting | Oakland |
| 450.15 | KLI 921 | KTVU Ch 2 | Oakland |
| 461.000 | KXP 478 | Denelect Alarm Co | Walnut Creek |
| 461.15 | KGI 214 | National Semiconductor | Santa Clara |
| 461.2 | KDP 677 | Richardson Security | Oakland |
| 461.325 | KNBJ467 | Continental Towing | Walnut Creek |
| 461.325 | WRY 720 | Overmiller Inc | Walnut Creek |
| 461.475 | KLT 857 | Baker Protective Service | Milpitas |
| 461.575 | KUH 268 | Bellwether Cable | Oakland |
| 461.6 | KNER740 | J W & A Security | Vacaville |
| 461.6 | KNGT623 | Summit Systems | Walnut Creek |
| 461.725 | KNHJ693 | Centurion Security Patrol | New Amaden |
| 462.000 | KNEV551 | Sperry Corp | Clayton |
| 462.025 | WQN 607 | General Engineering | San Francisco |
| 462.075 | KNBD905 | Television Signal Co | San Francisco |
| 462.075 | WST 289 | Mike's Auto Body | San Rafael/Walnut Creek |
| 462.15 | WQU 945 | ARA Transportation | Kellogg |
| 462.325 | WDR 827 | Roof Structures Inc | San Jose |
| 484.1875 | WPB 80 | San Francisco Fire & Burglar Protection | |
| 484.3125 | KZD 697 | University of California | Berkeley |
| 484.6875 | WEC 604 | Air Courier | Burlingame |
| 490.3375 | KVT 438 | IBM Research & Development | San Francisco (Paging) |
| 851.0875 | WDW 699 | Scott Trucking | San Francisco |
| 851.2375 | KNER474 | ISHI Limousine Service | Berkeley |
| 851.2375 | KNBX807 | Eychner Demolition | Oakland |
| 853.8625 | WQP 471 | Powell Towing | San Francisco |

Trunked;

| | | | |
|---|---|---|---|
| 861.1125 | WZZ 542 | Atcomm Inc | Walnut Creek |
| 862.1125 | | " | |
| 863.1125 | | " | |

861.1125, 862.1125 thru 865.1125
KB42317 Jeffrey Soil Stabilization

861.1125, 862.1125 thru 865.1125
KB43292 Big T Transport

Thanks Jim for another fine contribution.

The following is an update to last months' list of Chicago area hotels;

| | | | |
|---|---|---|---|
| 463.775 | KNDZ761 | Air Host Motel | Schiller Park |
| 464.525 | KNAX936 | Arlington Place Hotel | Arlington Heights |
| 461.425 | KAR 965 | Travelodge Chicago O'Hare | Des Plaines |

These are confirmed, and are beinng used for their vans.

Business, Etc. continued

For those of you who like to venture out, as well as your money, I offer the following freqs in the Chicago area for your consideration and contemplation:

| | | | |
|---|---|---|---|
| *464.475 | KB 8266 | Arlington Park Race Track | Arlington Heights |
| *464.475 | WQH 523 | Arlington Park Race Track | Arlington Heights |
| *464.975 | WQH 523 | Arlington Park Race Track | Arlington Heights |
| *151.625 | | Arlington Park Race Track | Arlington Heights |

These also have been confirmed with occasional paging on 464.975.

| | | | |
|---|---|---|---|
| 464.675 | KZU 768 | National Jockey Club | Cicero |
| 467.825 | KQ 3618 | National Jockey Club | Cicero |
| 464.925 | KZL 769 | Sportsman Park | Cicero |
| 467.775 | KQ 3875 | Sportsman Park | Cicero |
| *151.625 | KA86612 | Bloomses All Stars Amusements | Schaumburg |
| *151.625 | KA81615 | Bloomses All Stars Amusements | Schaumburg |
| 151.625 | KA77887 | Chicago Bears | |
| 151.625 | | Chicago White Sox | |

And for the Chicago Cubs: 460.875, 465.875, 468.5875 & 469.5875.

* indicates confirmation.

Also included this month, is a major contribution from Joe M Lewis (MD-015). Thank you Joe.

Next month starts, hopefully, a two part contribution for the Chicago area from Bob Parnass (IL-267).

| | | | |
|---|---|---|---|
| 151.685 | KNCM328 | Sheraton Bal Harbour Hotel | Miami Beach Fla |
| 151.685 | WXH 477 | Thunderbird Hotel | Miami Beach |
| 151.775 | WSO 565 | Sheraton Beach Resort | Miami Beach |
| 151.865 | WHK 426 | Fontainebleau Hotel | Miami Beach |
| 461.075 | KTD 239 | Fontainebleau Hotel | Miami Beach |
| 461.675 | KNAZ850 | Holiday Inn | Miami Beach |
| 464.425 | | Holiday Inn | Miami Beach |
| 464.475 | KNBC247 | Holiday Inn | Miami Baech |
| 462.8 | WQX 876 | Doral Beach Hotel | Miami Beach |
| 463.975 | WRP 504 | Doral Beach Hotel | Miami Beach |
| 462.8 | KQI 982 | Carillon Hotel | Miami Beach |
| 464.425 | KNCB654 | Carillon Hotel | Miami Beach |
| 43.76 | KVR 816 | American Sightseeing Inc | Miami Beach |
| 464.3 | WZF 297 | Holiday Inn 20th Place | Birmingham Ala |
| 464.375 | KNAW365 | Holiday Inn Downtown | Birmingham Ala |
| 464.375 | KNAW345 | Holiday Inn | Phoenix Arizona |
| 464.375 | WXL 555 | Holiday Inn | Tempe Arizona |
| 461.45 | KEA 726 | Holiday Inn | Tucson Arizona |
| 463.25 | KIV 775 | Holiday Inn | Buena Park Calif |
| 463.65 | KNAW300 | Holiday Inn | Long Beach Calif |
| 154.515 | KVH 803 | Holiday Inn | Los Angeles Calif |
| 151.625 | WYD 839 | Holiday Inn | Gaithersburg Md |
| 151.685 | KJU 320 | Holiday Inn | Bethesda Md |
| 151.805 | WSX 655 | Sheraton Inn | Daytona Beach Fla |
| 464.125 | WZF 847 | Holiday Inn Surfside | Daytona Beach |
| 151.805 | WSZ 736 | Beachcomer Inn | Daytona Beach |
| 464.325 | WSA 510 | Holiday Inn Boardwalk | Daytona Beach |
| 464.775 | WYG 665 | Daytona Speedway | Daytona Beach |
| 464.9 | WYU 310 | Daytona Speedway | Daytona Beach |
| 156.425 | KBP 399 | South Seas Plantation | Captivia Island Fla |
| 464.325 | WXX 782 | South Seas Plantation | Captivia Island |
| 461.675 | KNAZ363 | Holiday Inn Miami | Miami Fla |
| 463.7 | KNDJ524 | Holiday Inn Miami | Miami |
| 463.825 | WRF 347 | Atlantic Tours | Miami |
| 464.05 | WSS 759 | M D Q Tours | Miami |
| 464.425 | KWD 317 | Hyatt House Hotel | Miami |
| 464.475 | KYC 783 | Airport Radio Service | Miami |
| 462.05 | KNAW454 | Planet Ocean | Miami |
| 461.925 | WXL 434 | Biscayne Pilots | Miami |
| 464.525 | KNBA346 | Adventra Mall | Miami |
| 464.975 | KNBZ417 | Holiday Inn Brickell | Miami |
| 464.525 | KNFB336 | Hyatt Regency Hotel | Miami |

**Business, Etc. continued**

| | | | |
|---|---|---|---|
| 464.7 | KQI 860 | Pan American Protection | Miami |
| 464.725 | WSS 818 | Burger King Corp | Miami |
| 461.1 | KNDH244 | Orange Bowl | Miami |
| 461.1 | KIJ 445 | General Rent A Car | Miami |
| 464.575 | KNDK717 | National Car Rental | Miami |
| 464.975 | KWW 456 | Avis Rent A Car | Miami |
| 461.975 | KVT 962 | U S Homes | Tampa Bay Fla |
| 151.685 | KKK 780 | East Lake Woodlands Community | Tampa Bay |
| 463.8 | WXJ 202 | Beacon Homes | Tampa Bay |
| *464.575 | KTX 422 | Sibley Homes | Tampa Bay |
| 154.49 | | U S Steel | Tampa Bay |
| 463.9 | | Cheezem Development | Tampa Bay |
| *464.7 | KNBH368 | Pulte Homes | Tampa Bay |
| *462.15 | WQF 776 | Harrington Homes | Tampa Bay |
| *461.3 | WXV456 | Marston Homes | Tampa Bay |
| 461.975 | KKA 318 | Naumann Custom Homes | Tampa Bay |
| *462.6 | KAD1244 | Highland Lakes Community | Tampa Bay |
| *463.8 | WBW 921 | Sherwood Forest Community | Tampa Bay |
| 154.57 | | Sea Towers Condos | Tampa Bay |
| *464.5 | | Securx Security | Tampa Bay |
| *463.2 | KNDF790 | Curtis McCoy Security | Tampa Bay |
| *461.275 | KNBL720 | Kane Security | Tampa Bay |
| 461.8 | KNCG312 | Wells Fargo Guards | Tampa Bay |
| 31.00 | KVI 976 | Metro Security | Tampa Bay |
| 463.325 | WSJ 382 | Oxford Security | Tampa Bay |
| *151.925 | KER 524 | Alert Security (Tampa Airpo) | Tampa Bay |
| 463.525 | KKA 311 | Hillsbrough Security | Tampa Bay |
| *461.375 | KXI 289 | Protection Dogs | Tampa Bay |
| 463.275 | KZO 779 | Greco Investigations | Tampa Bay |
| *462.675 | KAD5195 | Honeywell Security | Tampa Bay |
| 461.? | WYF 587 | Electro Protective | Tampa Bay |
| *461.2 | KKM 637 | Bay Area Investigation | Tampa Bay |
| 460.95 | | ADT | Tampa Bay |
| *461.375 | KAP 386 | Security Control | Tampa Bay |
| *43.92 | KRS 375 | Purolator Armored | Tampa Bay |
| *452.675 | KXJ 207 | Purolator Couriers | Tampa Bay |
| 461.225 | KYS 264 | Federal Express Corp | Tampa Bay |

The following are located at Tampa Airport;

| | | | |
|---|---|---|---|
| *463.325 | KNAZ510 | Flightways | Tampa |
| *463.325 | KNBK846 | Ajax Rent A Car | Tampa |
| *464.475 | WXL 594 | Hertz Rent A Car | Tampa |
| 464.975 | WXL 358 | Avis Rent A Car | Tampa |
| 151.745 | KKP 693 | Thrifty Rent A Car | Tampa |
| *463.2 | KNDY364 | Alamo Rent A Car | Tampa |
| 461.2 | KNBD333 | Hanger One Inc | Tampa (Private Hanger) |

The following are located at Orlando International;

| | | | |
|---|---|---|---|
| 461.675 | KNCD789 | Dollar Rent A Car | Orlando |
| 464.375 | KSC 909 | Budget Rent A Car | Orlando |
| 464.6 | KNCH342 | Budget Rent A Car | Orlando |
| 464.475 | KSC 394 | Hertz Rent A Car | Orlando |

* Indicates having been monitored.
Courtesy of Joe M Lewis (MD-015)

# COMMUNICATIONS PROFILE

Cliff Polkinghorn, 14310 Acacia St., San Leandro, CA 94579

This column is for special projects that explain various radio systems in detail. Frequencies and radio codes of not only municipal agencies and certain federal government agencies may be listed, but also large businesses and corporations. The contribution must be lengthy enough that publishing it in one of the regular columns would not be possible. If you are inclined to submit a report as the one below appears, please follow No. 8 in the inside front cover of the Newsletter.

This month we are going to look at the SAN FRANCISCO INTERNATIONAL AIRPORT. I would like to thank the following individuals and organizations for helping me provide this information to you.

CHIEF GEORGE BERTHOLD (S.F.F.D. DIVISION 4 ASSISTANT CHIEF)
LT. DUNN (S.F.I.A. F.D. O.I.C.)
PENNINSULA FIRE BUFF CLUB, PO BOX 5465 REDWOOD CITY, CA. 94063
BENNETT MOBILE COMMUNICATIONS, PO BOX 3105 REDWOOD CITY, CA. 94064
MOBILE RADIO RESOURCES, 2661 CAROL DRIVE, SAN JOSE, CA. 95125
PHIL CORNYN

SAN FRANCISCO INTERNATIONAL AIRPORT
MISC. INFO:

DISPATCH CENTER=

| | |
|---|---|
| POLICE | Dispatched by a police officer |
| FIRE | Dispatched by operations dispatcher |
| MEDICAL | Dispatched by operations dispatcher |
| PAGING | Dispatched by operations dispatcher |
| MAINTENANCE | Dispatched by operations dispatcher |

FREQUENCIES=

120.500 = TOWER
121.800 = GROUND CONTROL PRIMARY
121.650 = GROUND CONTROL SECONDARY (as assigned by tower)
118.200 = CLEARANCE DELIVERY
122.950 = UNICOM (and BUTLER AVIATION)
115.800 and 113.700 = A.T.I.S.
122.500 = OAKLAND RADIO (flight plans)

all above freq. are originated from the tower and/or aircraft

453.200 = OPERATIONS, PAGING MAINTENANCE and FIRE
453.375 = POLICE

all above freq. are originated from dispatch center

488.3875 = SAN MATEO COUNTY S.O.
488.8875 = SAN MATEO COUNTY S.O. "GREEN" MUTUAL AID
120.500 = TOWER
121.800 = GROUND 1
121.650 = GROUND 2
453.200 = OPS, MAINT. PAGING, FIRE
453.375 = POLICE
482.3125 = SAN MATEO COUNTY MED-E-vac DISPATCH
489.1875 = SAN FRANCISCO FIRE DEPT. CONTROL #5
489.1125 = SAN FRANCISCO CITY DISASTER NET.

all above freq. are available in the EMERGENCY COMMUNICATIONS VAN (MOBILE # 210)

BLUE LIGHTS = ENTRY TO TAXIWAY
CREEN LIGHTS = TAXIWAY CENTERLINE
WHITE LIGHTS = RUNWAY CENTERLINE

RUNWAY LAW ENFORCEMENT AND SAFETY IS THE RESPONCIBILITY OF THE AIRPORT SAFETY OFFICER, NOT THE POLICE

THERE IS A SPECIAL BLDG. WHICH HOUSES THE EMERGENCY BACK-UP GENERATOR FOR THE AIRPORT. THE GENERATOR IS MOUNTED IN A PIT, APPROXIMATLY 5ft. DEEP, 12ft. WIDE, and 30ft. LONG. THE GENERATOR ITSELF IS "HUGE". IT IS THE RESPONCIBILITY OF THE AIRPORT ELECTRICIANS TO MAINTAIN THE GENERATOR.

## Communications Profile continued

OPERATIONS:

RADIO IDENTIFIERS:

AIRPORT 1 = DIRECTOR
AIRPORT 2 = OPERATIONS SUPERVISOR
AIRPORT 3 = DEPUTY DIRECTOR

AIRPORT 99 = SENIOR SAFETY OFFICER

AIRPORT 210 = EMERGENCY COMMUNICATIONS VAN
e/w-- T.V. CAMERA MOUNTS
THREE (3) REPEATERS
1- OPERATIONS CHANNEL
2 POLICE
3- DIGITAL REPEATER

AIRPORT 200 series = AIRPORT SAFETY OFFICERS

AIRPORT 600 thru 630 = AIRPORT ENGINEERS
AIRPORT 660 = HEAD ELECTRICIAN
AIRPORT 661 thru 663 = ELECTRICIAN SUPERVISORS
AIRPORT 664 = BASE (MAINT. BLDG.)
AIRPORT 666 thru 668 = AIRPORT ELECTRICIANS
AIRPORT 674 thru 692 = BUILDING ELECTRICIANS
AIRPORT 800 thru 859 = LABORERS AND FOREMAN
AIRPORT 860 thru 890 = PLUMBERS

COMM 1 and COMM 2 = RADIO TECHNICIANS

MEDICAL:

Emergency medical supplies (burn paks,stretchers, backboards etc) for PLANE CRASHES are stored in BLDG. 1000. Everything is marked with the number 1000 so anyone could identify it. The supplies are kept in two (2) trailers (which can be towed by any airport vehicle). A special portable generator and light unit is also stored for emergency purpose. (this is a different gen./light unit than the C.F.R. has)
In an emergency (PLANE CRASH) the airport expects PARAMEDICS FROM THE COUNTY to use these medical supplies.
The existing supplies are enough for about 150 victims. THERE IS A PLAN IN THE WORKS TO ALLOW THE THREE MAJOR AIRPORTS (San Jose, Oakland, and S.F.) TO PURCHASE MORE SUPPLIES TO ACCOMADATE 300 VICTIMS. These supplies would be stored at one airport, on pallets, so they could be flown out by helicopter to the airport with the MAJOR CRASH. This mutual aidplan would save each airport from bying its own stock for 300 victims, thus saving a considerable amount of funds.
S.F.I.A. has a medical clinic, and at least one doctor is available 16 HRS out of 24, and a nurse is available for the other eight (8).

FIRE "C.F.R.":

C.F.R. (Crash Fire Rescue) has two (2) houses, and three (3) companies.

COMPANY 1 = C.F.R. STATION #1 (1 officer, 4 men)
COMPANY 2 = C.F.R. STATION #2 (1 officer, 4 men)
COMPANY 3 = STRUCTURE PROTECTION, STATION #1 (1 officer, 5 men)

MOBILE 37 & 38 have 4000 gal. water, 515 gal. foam (triple "F" foam) FOAM CAN BE REFILLED INSIDE OF STATION #1, due to a 2000 gal. storage tank.

S.F.I.A. is a CLASS "E" AIRPORT (per FAA #139) which means it can (and must) provide 6000 gallons of foam to mid field within three (3) minutes, with three (3) vehicles.

RED CAP DIRLLS are simulated AIRCRAFT CRASHES, and the airport has at least three (3) drills per month.

ALERT 1 = AIRCRAFT IN TROUBLE, C.F.R. given 5 minutes notice
ALERT 2 = CRASH IS "NOW"--AIRCRAFT ON GROUND
ALERT 3 = CRASH HAS ALREADY OCCURED

C.F.R. STATION #1 can accommodate approximately 250 to 300 victims with all mobil equipment removed.

RESERVE EQUIPMENT MOBILE #32 is housed at station 1

| MOBILE # | MANUFACTURER YEAR | WATER GALLONS | FOAM GALLONS | CHEMICAL POUNDS | PUMP GPM | TURRET GPM | HOSE REELS SIZE/LENGTH | HOSE | MANNING OFFICER -MEMBER | COMPANY | STATION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| #34 | Walters '69 | 3000 | 500 | --- | 2000 | 1500/750 | --- | 2-150' 1½" | C-2 | 2 | 2 |
| #36 | Ford '73 | Tractor towing 21' X 6" Boston Whaler. Can also tow 4000 gallon water tanker. Boat equipped with two (2) full sets of scuba gear and miscellaneous rescue equipment. | | | | | | | | | |
| #37 | Oshkosh '80 | 4000 | 515 | --- | 2400 | 1800/900 | 2-150' 1¾" | --- | C-2 | 1 | 1 |
| #38 | Oshkosh '81 | 4000 | 515 | --- | 2400 | 1800/900 | 2-150' 1¾" | --- | C-2 | 1 | 1 |
| #39 | Oshkosh '81 | 1500 | 205 | 500# | 1000 | 750/350 | 1-150' 1" | --- | 1-2 | 2 | 2 |
| #42 | Ford '75 | Fire Command Vehicle | | | --- | --- | --- | --- | 1-0 | 1 | 1 |
| #43 | GMC '77 | EMT vehicle with all standard first-aid equipment, rescue equipment & tools | | | | | | | C-2 | 3 | 1 |
| #44 | Mack '71 | 75' elevating platform (Aerialscope) with standard ladder complement and special entry/overhaul tools. | | | | | | | C-2 | 3 | 1 |
| #45 | Grumman '81 | 500 | 50 | --- | 1500 | --- | 1-200' 1" | 1000' 3" | 1-1 | 3 | 1 |
| AUXILIARY EQUIPMENT | | | | | | | | | | | |
| Light Units (2) | | Each has five (5) fixtures (90,000 Lumens each fixture), auxiliary generator, diesel power. Elevates to 30'. Also, two (2) single fixtures on 12' stands, 100' extension cord. | | | | | | | | | |
| Hose Trailer | | Carries 2500' of 3" hose. | | | | | | | | | |
| RESERVE EQUIPMENT | | | | | | | | | | | |
| #32 | LaFrance '65 | 500 | 50 | --- | 1000 | --- | 2-200' 1" | 1000' 3" | --- | --- | 2 |
| #35 | Walters '68 | 3000 | 500 | --- | 2000 | 1500/750 | --- | 2-150 1¾" | --- | --- | --- |
| #41 | Yankee '60 | 1400 | 300 | --- | 750 | 500 | 2-200' 1" | --- | --- | --- | --- |

*NOTE

32 qualified scuba divers (NAUI certificated) fully equipped. Minimum of two (2) available at all times. Transported in Boat, USCG Helicopter, Scuba Van.

RESERVE EQUIPMENT MOBILE #35 and 41 are housed at the "OLD" fire house

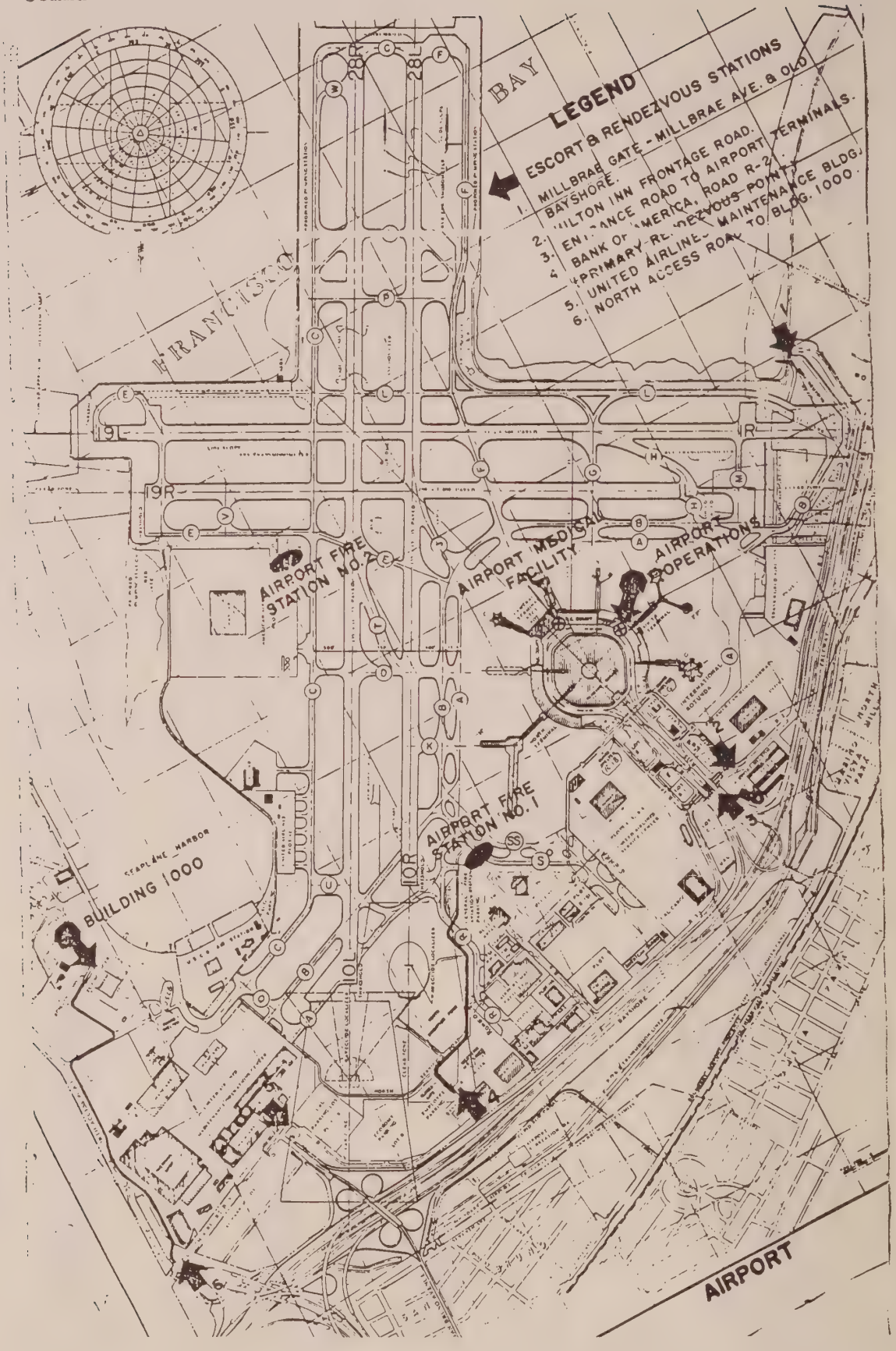
BOAT 21 ft. BOSTON WHALER IS ALSO KNOWN AS THE PHOENIX 2

C.F.R. 1 and 2 can communicate with U.S.C.G. STATION via marine radio (portable) of STATE FIRE WHITE (154.280)

U.S.C.G. AIR STATION SAN FRANCISCO ASSISTS S.F.I.A. WHENEVER ASKED. IT HAS TWO LARGE HELICOPTERS, AND ABOUT 20 SMALL RUBBER BOATS.



July 1983)


LEGEND
ESCORT & RENDEZVOUS STATIONS
1. MILLBRAE GATE - MILLBRAE AVE. & OLD BAYSHORE.
2. HILTON INN FRONTAGE ROAD.
3. ENTRANCE ROAD TO AIRPORT TERMINALS.
4. BANK OF AMERICA, ROAD R-2.
PRIMARY RENDEZVOUS POINT.
5. UNITED AIRLINES MAINTENANCE BLDG. TO BLDG. 1000.
6. NORTH ACCESS ROAD
BAY
AIRPORT FIRE STATION NO. 2
AIRPORT MED-SAU FACILITY
AIRPORT OPERATIONS
AIRPORT FIRE STATION NO. 1
BUILDING 1000
AIRPORT

POLICE:

SORRY--- but I have had only bad luck in obtaining radio identifiers and other info on the police section. ---- ANYONE OUT THERE WITH UP-TO-DATE on the S.F.I.A. POLICE can either send it to me, or the CALIF. P.S. editor.

THANKS

# CANADA

Send Canadian frequency information, radio system details and other information relating to Canadian monitor radio listening and questions to:

Rob Berezowski, 211 Costigan Bay, Saskatoon, Saskatchewan, S7J 3P4 Canada

Welcome all to the Canada column for August. The weather has started to warm up considerably here. It wasn't too hot, but I can see that it is going to be a long and hot summer. I don't mind the heat, but I sunburn too easily! I've got the typewriter set up inside, so not to worry.

First up this month is some insights through the crystal ball on the future. Actually these insights are a little more concrete than the fortune cookie I got the other day saying I would be rich and famous. I'm talking about the future of mobile data communications. I received two articles on this subject. Doug(CAN-041) and Jim (CA-SF-030) both sent in different articles on the same subject. Doug's article came from the March, 1984 issue of Canadian Business, while Jim's article is from the March 5th issue of Computer World. Both articles discuss one of the pioneer manufacturers of data heads for mobile radios. These data heads allow for various types of data services. For example status keys can be provided for standard messages such as out of service, lunch, ... Mobile computer terminals can also be installed to speed up fleet dispatching, and of course to greatly speed up CPIC/NCIC computer access and returns. Mobile Data International Inc. (MDI) of Richmond, B.C. has put more than 2000 terminals in the field.

The terminal marketed by MDI was developed in the 1970s by MacDonald Dettwiler & Associates, a Vancouver research & development firm under a contract with the Dept. of Communications. MDI was incorporated in 1978 to sell the terminals. MDI employs 115 people in Richmond. Sales in 1982 were $3.2 million, about $7 million in 1983, and they expect double the sales of 1983 in 1984. There is a potential of $100 million to $150 million in sales. Each terminal costs about $3,600, while a typical system with 20 mobiles (including host computer and radio equipment) would cost about $240,000.

An ordinary radio channel can handle about 300-500 terminals. Digital communications are fast, accurate, private, and because they are computer based can be interfaced with virtually any data base, such as CPIC. The terminals can be programmed for any use. Typical users could include police, fire, ambulance, taxi, utilities, couriers, and other service agencies. Most of MDI's sales are in the States. 200 terminals have been sold to Shamrock Taxi in Calgary, and 90 have gone to North York Hydro. The biggest customer has been Federal Express Corp. of Memphis, Tenn. They have installed MDTs in 3000 of their delivery vans across the US, and are installing at the rate of 70 per week. The Phoenix Fire Dept. uses MDI terminals as part of its computer-assisted dispatch system, one of the most modern in the world.

MDI does of course have competition. Gandalf Data Ltd. of Ottawa manufactures two types of MDTs, one for taxis, couriers and ambulances, while the other is designed for city bus systems. Motorola Canada Ltd. of Toronto manufactures a MDT similiar to MDI's for use in public service vehicles.

"The development of cellular radio will make it possible to have a cordless telephone anywhere. From there it's just a short step to having small hand-held radio computers," says Jeff Morris, sales manager for MDI. Any police officer on a beat can have instant access to CPIC/NCIC.

With all of this data on the radio, it sure is tempting to tap into the data streams hacker-style. With a scanner, an RS-232 and a micro-computer it should be possible to decode the data. Of course I'm no expert, and I know it will take some work, but I see no reason why it can't be decoded. If any of the members are interested, I can send copies of the articles for an SASE. Thanks go to Doug and Jim for the articles.

Chris (CAN-061) has sent in another bunch of goodies. One of the items he sent was a copy of an article that appeared in the Toronto Star, and was sent along the CP wire. According to our laws here in Canada, it is legal to monitor any telephone conversation that is relayed by radio. This means that microwave and satellite relays can be legally monitored because the airwaves are public domain. Once the conversation enters the public domain, they are no longer considered private, and do not fall under the Wire Tapping laws. Most calls (local calls) travel through wires, but a large percentage do travel through the radio links.

Solicitor-General Robert Kaplan ( in charge of the RCMP, Parole Board and Penitentiary Service) revealed this while discussing the Communications Security Establishment, a secret electronic eavesdropping agency, at a meeting of the House of Commons justice committee. The committee is studying legislation to transfer national security responsibilities from the RCMP Security Service to the proposed Canadian Security Intelligence Service. The article appeared in the Toronto Star on April 6, 1984, and probably appeared in a lot of other major papers across the country. If any member is interested and cannot find the article, I will send a copy for an SASE.

Chris also passes along that the DND annual report has been released. There is a lot of good reading material in there on the military communications systems. Your friendly local library should have a copy for viewing. Also Chris included a copy of CODE 4, a newsletter published by the Ontario Ministry of Health. This issue has some good information on the Ontario Air Ambulance program. Again, if any member is interested, you can get a copy from me for an SASE.

Well that's a lot of food for thought for this month. I'll close off by including some lists that Guy (CAN-031) so generously supplied. Thanks again, Guy. Until next month, take care and don't worry about it!

From GUY (Can-031)

RCMP Frequencies in use in the province of Prince Edward Island

| | |
|---|---|
| 154.800 | PEI - mobile |
| 154.920 / 155.580 | Montague, Souris |
| 154.950 | PEI - mobile |
| 155.040 / 155.940 | Sherwood, Charlottetown, Cavendish, Stanhope |
| 155.070 | PEI - mobile |
| 155.070 / 155.640 | Alberton |
| 155.100 | PEI - mobile |
| 155.160 / 155.880 | Charlottetown, Summerside, Carleton Siding |
| 155.370 | PEI - mobile |
| 155.400 / 154.740 | PEI - mobile |
| 155.460 | Alberton, Sherwood, Charlottetown, Stanhope, Souris, Cavendish, Summerside, Carleton Siding, Montague |
| 155.580 / 154.920 | Bear River |
| 155.640 / 155.070 | PEI - mobile |
| 155.670 | Alberton, Sherwood, Charlottetown, Stanhope, Cavendish, Summerside, Carleton Siding, Souris, Montague, All Cda - mobile |
| 155.700 | PEI - mobile |
| 155.730 / 154.860 | PEI - mobile |
| 155.770 / 155.370 | Sherwood |
| 155.820 / 154.980 | PEI - mobile |
| 155.880 / 155.160 | Fredericton |
| 155.940 / 155.040 | Alma, Teahill |
| 414.2375 / 419.2375 | Teahill |
| 414.3125 / 419.3125 | Teahill |
| 414.3625 / 419.3625 | Alma |
| 414.4375 / 419.4375 | Teahill |
| 419.2375 / 414.2375 | Fredericton |
| 419.3125 / 414.3125 | Bear River |
| 419.3625 / 414.3625 | Fredericton |
| 419.4375 / 414.4375 | Fredericton |
| 456.8375 | PEI - mobile, All Cda - mobile |
| 155.640 | All Cda - mobile |

From GUY (CAN 031)

RCMP frequencies in use in New Brunswick

| | |
|---|---|
| 138.075 / 142.065 | North View, Jenkins Lake |
| 138.525 / 142.515 | Maryland Hill, North View, Rang St George |
| 138.615 / 142.605 | Lutes Mountain |
| 142.065 / 138.075 | Kerstead Mountain, Newburg |
| 142.515 / 138.525 | Sormany, St Quentin, Upper Tower Hill |
| 142.605 / 138.615 | Kerstead Mountain |
| 142.880 | Claremont, Moncton |
| 143.115 / 148.105 | Sormany, Ouellette Settlement, St John |
| 143.145 / 148.135 | Kerstead Mountain |
| 143.295 / 148.285 | Acadiaville |
| 143.445 / 148.435 | Sormany, Kerstead Mountain |
| 143.745 / 148.735 | Acadiaville, St Quentin, Newburg |
| 143.775 / 148.765 | Kerstead Mountain |
| 148.105 / 143.115 | North View, Chaplin Island, Jenkins Island |
| 148.135 / 143.145 | Doaktown |
| 148.285 / 141.905 | Lutes Mountain |
| 148.435 / 143.445 | Maryland Hill, Seven Mile Ridge |
| 148.735 / 143.745 | Maryland Hill, Seven Mile Ridge |
| 148.765 / 143.775 | Maryland Hill, Chaplin Island |
| 148.945 / 143.995 | Lutes Mountain |
| 154.800 | NB = mobile |
| 154.860 / 155.730 | Minto, Sackville, Port Elgin, St Quentin, Alma, Fredericton, Chipman, Oromocto, Hillsborough, Gagetown |
| 154.920 / 155.580 | Campbellton, Buctouche, Woodstock, Richibucto, St Quentin, Jacquet River, Florenceville, Baie Ste Anne, Grand Harbour |
| 154.950 | Fredericton, NB - mobile |
| 154.950 / 155.670 | Fredericton |
| 154.950 / 155.700 | Edmonston, St John, St Quentin, Sackville, Clair, Doaktown, Caraquet, St Leonard, Shippegan, Tracadie, Hampton, Grand Harbour |
| 154.980 / 155.820 | Moncton, Buctouche, Plaster Rock, Sussex, Sackville, Port Elgin, Riverview, Cape Pele, Jacquet River, Caraquet, Perth, Shediac, Hillsborough, Bathurst, Petitcodiac |
| 155.070 | NB - mobile |
| 155.100 | NB - mobile |
| 155.130 / 155.880 | Neguac, Bathurst, Newcastle |
| 155.160 / 155.880 | Jacquet River, Petitcodiac |
| 155.160 / 155.910 | Minto, McAdam, Doaktown, St Stephen, Sussex, St George, St Quentin, Campobello, Rogersville, Neguac, Chipman, St Andrews, Hampton, Baie Ste Anne, Gagetown, Newcastle |
| 155.370 | Campbellton, Riverview, Cape Pele, Clair, Oromocto, NB - mobile |
| 155.400 / 154.740 | NB - mobile |
| 155.460 | Edmonston, Campbellton, Moncton, Buctouche, Shediac, Grand Harbour, Minto, Plaster Rock, Woodstock, McAdam, St Stephen, Newcastle, Oromocto, St George, St John, Susssex, Richibucto, Sackville, Grand Falls, Alma, Hillsborough, Port Elgin, Riverview, Clair, Cape Pele, Fredericton, Gagetown, Doaktown, Campobello, Rogersville, Neguac, Petitcodiac, Caraquet, St Leonard, Perth, Florenceville, Chipman, Bathurst, Shippegan, Tracadie, St Andrews, Hampton, Baie Ste Anne |
| 155.580 / 154.920 | Temple Hill, Newburg, Acadiaville, Seven Mile Ridge |
| 155.640 | NB - mobile, All Cda - mobile |
| 155.670 | Newcastle, Caraquet, Edmonston, Campbellton, Moncton, Grand Falls, Oromocto, Grand Harbour, St Leonard, Buctouche, Minto, Plaster Rock, Woodstock, Perth, Hillsborough, St Andrews, Florenceville, McAdam, St Stephen, St George, St John, Sussex, Gagetown, Hampton, Chipman, Richibucto, Sackville, Port Elgin, St Quentin, |

Canada continued

| | |
|---|---|
| | Petitcodiac, Baie Ste Anne, Shippegan, Alma, Riverview, Cape Pele, Fredericton, Doaktown, Bathurst, Shediac, Tracadie, Campobello, Clair, Rogersville, Jacquet River, Neguac, All Cda -mobile |
| 155.700 | Florenceville, Acadiaville, NB - mobile |
| 155.700 / 154.950 | Ouellette Settlement, Doaktown, Jenkins Lake, Rang St George |
| 155.730 / 154.860 | Grand Falls, Maryland Hills, St Quentin, Chaplin Island |
| 155.820 / 154.980 | Grand Falls, Sormany, Lutes Mountain, North View |
| 155.880 / 155.130 | Jacquet River, Neguac, Kerstead Mountain |
| 155.880 / 155.160 | St Quentin, NB - mobile |
| 155.910 / 155.160 | St Quentin, Chaplin Island, Upper Tower Hill |
| 155.940 / 155.040 | NB - mobile |
| 451.0375 / 456.0375 | Grand Falls, Temple Hill, Jacquet River, Neguac |
| 456.0375 / 451.0375 | North View, Upper Tower Hill, Rang St George, Seven Mile Ridge |
| 456.8375 | NB - mobile, All Cda - mobile |

# contact/info wanted

This column has two purposes: to help members contact each other, and to help members obtain information directly from one another on various subjects related to 2-way communications monitoring. If you desire to converse, meet, or correspond with other members by telephone, letter, or cassette tape in a certain geographic area or with members who have similar listening interests, this is the perfect place for you to make known your interests. Remember – those who respond will do so directly, so be sure to provide your phone number, the best time to be called, or your address. Write to:

Amy Polivka, 12906 Ohio Circle, Omaha, NE 68164

ATTENTION DUANE PECK: Not a word from you since I called you a few months ago, saying you'd be in touch more often than you have been. You're probably transferred again, but where and when? (5-10-84)
LARRY (MI-001)

WANTED: M.A.R.S. frequencies and traffic aircraft frequencies for anywhere. Also would like frequencies for Andrews A.F.B. in Camp Springs, Maryland. (5-11-84)
ALAN G. HENNEY (MD-069), 6912 Prince Georges Ave., Takoma Park, MD 20912

ATTENTION: This member would like to talk to someone in Solano County, Sacramento area, Woodland area, or North Bay area, Calif., who has frequencies to exchange. (5-12-84)
JOE VELASQUEZ (CA-SO-006), 248 Plantation Way, Vacaville, CA 95688

ADDRESS CHANGE: RICHARD KRAMER (PA-093), has a new address and phone number. The new address is 1624 North 11th St., Reading, PA 19604. My new phone number is 215-374-0419. The best time to call is between 11 a.m. and 2 pm. EDT. I monitor HF military and VHF-UHF federal government and military frequencies. I answer all letters.

# FCC TOPICS

George DuBois, Editor

FCC news and information of interest relating to two-way communications. Send comments and questions to:
George DuBois, 10048 NE Campaign, Portland, OR 97220

The FCC has released a proposal that would permit the use of narrowband technology in all of the Private Land Mobile radio services in the VHF-hi band. This would eventually increase the number of channels available in this band as much as five-fold.

FM has always been used in the land mobile services, mainly

because of the need for good voice quality and intelligibility. The channel spacing in the VHF-hi band was originally 60 kHz, which was state of the art at the time. In the mid 50's this was narrowed to 30 kHz. In 1971 this was further narrowed to the present 15 kHz spacing. These added channels, referred to as "tertiary" channels, required a 10-mile geographic spacing between base stations on adjacent channels. (Channel spacing on the few remaining VHF Business Radio Service channels stayed at 30 kHz.) Current FM equipment requires about 16 to 20 kHz bandwidth.

Of the new technologies available, the one specifically mentioned in this proposal is Amplitude Compandored SideBand (ACSB). (Sometimes called CSSB, Compandored Single SideBand.) The ACSB modulation technique is identical to single sideband used in the H.F. bands, except that a pilot carrier is added for a frequency and amplitude reference. The audio signal used to modulate the transmitter is compressed, a process where certain audio frequencies are pre-emphasized while the amplitude of the louder speech passages are reduced and the quieter passages increased. This yields a signal of almost constant amplitude, approximately 5 kHz wide. In the receiver, the recovered audio is expanded and de-emphasized, the reverse process. Audio quality is supposedly very close to conventional 16 kHz deviation F.M.

Two manufacturers presently make ACSB equipment. It is used by licensees in a number of services under Developemental authorization. Most licensees are using repeaters. Current equipment requires 6 to 8 kHz bandwidth for equivilant adjacent channel protection, but it is expected that the technology will improve to realize 5 kHz spacing within a couple of years.

To take advantage of the maximum potential spectrum efficiency, the Commission is proposing 5 kHz channelling for ACSB use. These channels would be offset 2.5, 7.5 and 12.5 kHz from the presently available frequencies. (See the example later in this column, although it depicts a 30 kHz-wide channel.) ACSB channels would be available in all the Public Safety, Industrial and Land Transportation services, except the Relay Press Radio Service. The Relay Press Radio Service only has four channels in the VHF-hi band, at 173 mHz, which are also shared with the Motion Picture Radio Service. These aren't included in this proposal, since their ACSB offsets would be very close to the split telemetry frequencies in the same 173 mHz region, which are also allocated to the Private radio services.

All ACSB use would have to be coordinated with other users, including conventional FM users, if the ACSB channel is 12.5 kHz or less from an FM assignment, and with other services, if the ACSB channel is 12.5 kHz or less from an adjacent channel used by a different service. Coordination is not required in the Business Radio Service on VHF. No ACSB assignment would be made on a frequency offset by only 2.5 kHz from an existing conventional FM user. Assignments could be made on the channels 7.5 and 12.5 kHz removed, though, with geographic separation.

Also, the Business Radio Service is one of the few in which repeaters are not allowed in the VHF bands. So, in this same proceding, the FCC is proposing allocating nine channels for use in repeater systems. (These are new offset frequencies adjacent to 152 and 158 mHz paging channels and between the wide-spaced channels near 154.5 mHz.) The Commission had earlier proposed allowing repeaters in the VHF band, even though there are few conventional FM channels available in this band in the Business Radio Service.

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Also, the Commission is proposing to provide for the splitting of the wide-bandwidth (over 25 kHz) channels in the Broadcast Remote Pickup Service, plus add provision for the use of ACSB or other very narrow-bandwidth emissions. UHF BRP channels presently are a mix of channels of various bandwidths. Generally, the 12.5 khz offsets are limited to conventional 25 kHz bandwidth and the .050 mHz frequencies (450.05, 450.15, etc.) are limited to 50 kHz bandwidth. 450.925/455.925 have an allowable bandwidth of 100 kHz. There are only wide-bandwidth channels above 450/455.650 and those frequencies may only be used for the transmission of programming or cues, no dispatching, etc.

The predominate use of this service is for voice-quality communications requiring typical 16 kHz deviation. Most BRP equip-

ment is the same as that used in the private land mobile services. Typical uses include traffic reports and live audio coverage of news events and local special events. Operational uses include the dispatching of reporters and coordination of program material. Television stations similarly need frequencies for dispatching, plus coordination and set-up for live ENG remotes and cueing.

This amendment would allow users to split the wide-bandwidth channels, yielding those frequencies listed in the second column of the table below. This would add a number of conventional 25 kHz-wide channels. The splitting up of the wideband channels has been done in the past on a waiver basis, to the greatest extent in the Los Angeles area.

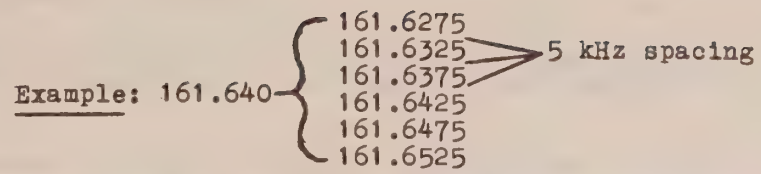
Furthermore, this proposal would allow splitting of the VHF channels, particularly the 161 mHz frequencies, where channel spacing is 30 kHz. (The 153 mHz frequencies are shared with other services.) This could permit two 20 kHz-wide channels in the space of the existing channels, each spaced by either 12 or 18 kHz. (Spacing in the Private services is 15 kHz with 10 mile separation.)

| Frequency (MHz) | Split Channel Option (MHz) | Bandwidth (kHz) |
|---|---|---|
| 152.87 | | 20 |
| | 152.8625 | 30 |
| | | 20 |
| | 152.8775 | |
| 152.93 | | 20 |
| | 152.9225 | 30 |
| | | 20 |
| | 152.9375 | |
| 152.99 | | 20 |
| | 152.9825 | 35 |
| | | 20 |
| | 152.9975 | |
| 153.05 | | 20 |
| | 153.0425 | 30 |
| | | 20 |
| | 153.0575 | |
| 153.11 | | 20 |
| | 153.1025 | 30 |
| | | 20 |
| | 153.1175 | |
| 153.17 | | 20 |
| | 153.1825 | 30 |
| | | 20 |
| | 153.1775 | |
| 153.23 | | 20 |
| | 153.2225 | 30 |
| | | 20 |
| | 153.2375 | |
| 153.29 | | 20 |
| | 153.2825 | 30 |
| | | 20 |
| | 153.2975 | |
| 153.35 | | 20 |
| | 153.3425 | 30 |
| | | 20 |
| | 153.3575 | |
| 161.64 | | 20 |
| | 161.6325 | 30 |
| | | 20 |
| | 161.6475 | |
| 161.67 | | 20 |
| | 161.6625 | 30 |
| | | 20 |
| | 161.6775 | |
| 161.70 | | 20 |
| | 161.6925 | 30 |
| | | 20 |
| | 161.7075 | |
| 161.73 | | 20 |
| | 161.7255 | 30 |
| | | 20 |
| | 161.7375 | |
| 161.76 | | 20 |
| | 161.7525 | 30 |
| | | 20 |
| | 161.7675 | |
| 166.25 | | 25 |
| 170.15 | | 25 |

| Frequency (MHz) | Split Channel Option (MHz) | Bandwidth (kHz) |
|---|---|---|
| 450.0500 | | 25 |
| | 450.0375 | 50 |
| | | 25 |
| | 450.0625 | |
| 450.0675 | | 25 |
| 450.1125 | | 25 |
| 450.1500 | | 25 |
| | 450.1375 | 50 |
| | | 25 |
| | 450.1625 | |
| 450.1875 | | 25 |
| 450.2125 | | 25 |
| 450.250 | | 25 |
| | 450.2375 | 50 |
| | | 25 |
| | 450.2625 | |
| 450.2875 | | 25 |
| 450.3125 | | 25 |
| 450.3500 | | 35 |
| | 450.3375 | 50 |
| | | 25 |
| | 450.3625 | |
| 450.3875 | | 25 |
| 450.4125 | | 25 |
| 450.4500 | | 25 |
| | 450.4375 | 50 |
| | | 25 |
| | 450.4625 | |
| 450.4875 | | 25 |
| 450.5125 | | 25 |
| 450.5500 | | 25 |
| | 450.5375 | 50 |
| | | 25 |
| | 450.5625 | |
| 450.5875 | | 25 |
| 450.6125 | | 25 |
| 450.6500 | | 25 |
| | 450.6375 | 50 |
| | | 25 |
| | 450.6625 | |
| 450.7000 | | 25 |
| | 450.6875 | 50 |
| | | 25 |
| | 450.7125 | |
| 450.7500 | | 25 |
| | 450.7375 | 50 |
| | | 25 |
| | 450.7625 | |
| 450.8000 | | 25 |
| | 450.7875 | 50 |
| | | 25 |
| | 450.8125 | |
| 450.8500 | | 25 |
| | 450.8375 | 50 |
| | | 25 |
| | 450.8625 | |
| 450.9250 | | 25 |
| | 450.8875 | 25 |
| | 450.9125 | 100 |
| | | 25 |
| | 450.9375 | 25 |
| | 450.9625 | |

| Frequency (MHz) | Split Channel Option (MHz) | Bandwidth (kHz) |
|---|---|---|
| 455.0500 | | 25 |
| | 455.0375 | 50 |
| | | 25 |
| | 455.0625 | |
| 455.0675 | | 25 |
| 455.1125 | | 25 |
| 455.1500 | | 25 |
| | 455.1375 | 50 |
| | | 25 |
| | 455.1625 | |
| 455.1675 | | 25 |
| 455.2125 | | 25 |
| 455.2500 | | 25 |
| | 455.2375 | 50 |
| | | 25 |
| | 455.2625 | |
| 455.2875 | | 25 |
| 455.3125 | | 25 |
| 455.3500 | | 25 |
| | 455.3375 | 50 |
| | | 25 |
| | 455.3625 | |
| 455.3875 | | 25 |
| 455.4125 | | 25 |
| 455.4500 | | 25 |
| | 455.4375 | 50 |
| | | 25 |
| | 455.4625 | |
| 455.4875 | | 25 |
| 455.5125 | | 25 |
| 455.5500 | | 25 |
| | 455.5375 | 50 |
| | | 25 |
| | 455.5625 | |
| 455.5875 | | 25 |
| 455.6125 | | 25 |
| 455.6500 | | 25 |
| | 455.6375 | 50 |
| | | 25 |
| | 455.6625 | |
| 455.7000 | | 25 |
| | 455.6875 | 50 |
| | | 25 |
| | 455.7125 | |
| 455.7500 | | 25 |
| | 455.7375 | 50 |
| | | 25 |
| | 455.7625 | |
| 455.8000 | | 25 |
| | 455.7875 | 50 |
| | | 25 |
| | 455.8125 | |
| 455.8500 | | 25 |
| | 455.8375 | 50 |
| | | 25 |
| | 455.8625 | |
| 455.9250 | | 25 |
| | 455.8875 | 25 |
| | 455.9125 | 100 |
| | | 25 |
| | 455.9375 | 25 |
| | 455.9625 | |

Finally, the use of ACSB or other very narrow-bandwidth emissions would be allowed, in <u>both</u> the VHF and UHF bands. One way to do this would be to interlace the ACSB channels between existing FM channels. On the 30 kHz-spaced VHF channels, two ACSB frequencies could be fitted between adjacent channels. On UHF, though, with 25 kHz spacing, only one channel could be added. The preferred method would allow a licensee the option of splitting existing channels. A UHF frequency could be divided into five ACSB channels. (Or as many as six with a slight increase in potential adjacent-channel interference.) This could conceivably eventually permit around <u>190</u> UHF channel pairs! In the VHF band, the Commission is proposing six allowable ACSB channels per 30 kHz channel, offset plus and minus 2.5, 7.5 and 12.5 kHz from the center of the existing frequency, similar to the proposal for the Private land mobile services.




To encourage the use of ACSB in the VHF band, repeaters (now only allowed on UHF) would be permitted with ACSB systems.

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Editorial Dept.: It's kind of funny how scanner enthusiasts have been talking for years about how DVP was going to spell the end of monitoring. But with the exception of a few Government agencies (and the even fewer that get it to work worth a damn), how many local agencies have rushed to spend the big bucks for DVP systems, which is sophisticated beyond need, expensive, inefficient and fiscally unjustifiable?

ACSB is just the opposite. Two manufacturers presently make VHF ACSB equipment, no doubt to be joined by a number of others soon. Some Developemental ACSB systems have been on the air for years. There's been one ACSB repeater here in Portland for a couple of years now. (Betweeen regular 151 and 154 mHz Business Radio Service channels.) And logging companies have been trying ACSB in the Forest Products Radio Service all over the country, with one system locally in the Oregon Coast Range.

In light of the explosive demand for additional channels in the Land Mobile services, it's obvious that additional spectrum alone won't be enough, even if there was anywhere near enough additional spectrum to be had! New technologies are the major solution to the problem and ACSB is one of the answers. As far as monitoring goes, ACSB detector/expandors would be a very inexpensive addition to new model scanners. Let's hope the manufacturers stay on top of this one.

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PAID ADVERTISEMENT

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Dennis Biagioli, 607 W. Pleasant Ave., Villa Park, IL 60181

Sensitive frequencies will not be published. Coast Guard material must go to the VHF Marine editor.

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Greetings!! Hope you have been enjoying your Summer as much as I have been enjoying mine.

Well, let's get on with the conclusion of our list of Air Force bases, and then the remainder of the 138-140 mHz Air Force listings from the IRAC microfiche.

PLATTSBURGH AFB, New York, adjacent to Plattsburgh. SAC base. Major operations: medium bomber and tanker, combat crew training. Named for city of Plattsburgh.

POPE AFB, North Carolina, twelve miles northwest of Fayetteville, adjoins U.S. Army's Fort Bragg. MAC base. Major operations: tactical airlift; aeromedical evacuation center; USAF airlift center; provides intratheater airlift support for airborne forces and other personnel, equipment and supplies. Named for 1st Lt. Harley H. Pope, WW I pilot killed in 1919 near Fayetteville in crash of JN-4 Jenny while surveying route for Air Mail.

RANDOLPH AFB, Texas, fifteen miles northeast of San Antonio. ATC base. Major operations: Headquarters Air Force Recruiting Service, Headquarters Air Force Manpower and Personnel Center, office of civilian personnel operations, pilot instructor training. Named for Capt. William M. Randolph, Austin native killed in crash in 1928 in Gorman, Texas.

REESE AFB, Texas, twelve miles west of Lubbock. ATC base. Major operations: undergraduate pilot training. Named for 1st Lt. Augustus F. Reese Jr., Texas native killed in WW II while piloting his P-38 on bombing and strafing run over Sardinia in 1945.

RICHARDS-GEBAUR AFB, Missouri, seventeen miles south of Kansas City. AFRES base. Major operations: AFRES tactical airlift. Named for two Kansas City natives, 1st Lt. John F. Richards and Lt. Col. Arthur W. Gebaur Jr. Lt. Richards was killed in 1918 while on an artillery-spotting mission; Lt. Col. Gebaur was killed over North Korea in 1952.

RICKENBACKER ANGB, Ohio, thirteen miles south southwest of Columbus. ANG base. Major operations: ANG fighter and tanker, AFRES airlift. Named for Capt. Edward V. "Eddie" Rickenbacker, native of Columbus, Ohio, WW I hero awarded Medal of Honor, known as the "ace of aces" for his 26 aerial victories. Died in June of 1973.

ROBINS AFB, Georgia, eighteen miles southeast of Macon. AFLC base. Major operations: Headquarters Warner Robins Air Logistics Center, Headquarters Air Force Reserve, heavy bomber. Named for Brig. Gen. Augustine Warner Robins, early chief of Material Division of U.S. Army Air Corps.

SCOTT AFB, Illinois, six miles east northeast of Belleville. MAC base. Major operations: Headquarters Military Airlift Command, Headquarters Air Force Communications Command, Headquarters Aerospace Rescue and Recovery Service, Headquarters Air Weather Service, aeromedical airlift, AFRES aeromedical airlift. Named for Cpl. Frank S. Scott, first enlisted man to lost his life in an air accident, in crash of Wright Type B Flyer in 1912 at College Park, Maryland.

SELFRIDGE ANGB, Michigan, twenty-five miles northeast of Detroit. ANG base. Major operations: ANG tactical fighter, ANG fighter-interceptor; AFRES rescue, AFRES tactical airlift; U.S. Army, Navy, Coast Guard and Marine units. Named for 1st Lt. Thomas E. Selfridge, first Aeronautical Division officer to pilot aircraft and first military fatality of powered flight in 1908 when plane piloted by Orville Wright crashed during demonstration flight at Fort Meyer, Virginia.

SEYMOUR JOHNSON AFB, North Carolina, adjacent to Goldsboro. TAC base. Major operations: tactical fighter, heavy bomber and tanker. Named for Navy Lt. Seymour A. Johnson, Goldsboro native killed in 1942.

SHAW SFB, South Carolina, ten miles west northwest of Sumter. TAC base. Major operations: Headquarters Ninth Air Force, reconnaissance air crew training, tactical reconnaissance. Named for 2nd Lt. Ervin D. Shaw, one of first Americans to see air action in WW I, killed in 1918 when his Bristol fighter was shot down on a reconnaissance mission over France.

SHEMYA AFB, Alaska, located on Shemya Island at the western tip of the Aleutian Islands chain, 1,800 miles due west of Anchorage. AAC base. Major operations: AAC support. Named for the island.

SHEPPARD AFB, Texas, four miles north of Wichita Falls. ATC base. Major operations: technical training in maintenancye, civil engineering, field training, comptroller and transportation; School of Health Care Sciences; undergraduate pilot training for friendly air forces. Named for Morris E. Sheppard, U.S. Senator from Texas who died in 1941.

TINKER AFB, Oklahoma, nine miles southeast of Oklahoma City. AFLC base. Major operations: Headquarters Oklahoma City Air Logistics Center, Engineering and Installation Center (AFCC), mobile weather support, airborne warning and control, AFRES tactical fighter. Named for Maj. Gen. Clarence L. Tinker, killed in 1942 when his aircraft failed to return from a mission against Wake Island.

TRAVIS AFB, California, fifth miles northeast of San Francisco. MAC base. Major operations: Headquarters Twenty-Second Air Force, David Grant Medical Center, airlift, tanker, AFRES airlift. Named for Brig. Gen. Robert E. Travis, killed in 1950 in a B-29 accident.

TYNDALL AFB, Florida, eight miles east of Panama City. TAC base. Major operations: USAF Air Defense Weapons Center, Headquarters Air Force Engineering and Services Center, combat crew training. Named for 1st Lt. Frank B. Tyndall, Florida native, WW I fighter pilot killed in 1930 P-1 crash.

UNITED STATES AIR FORCE ACADEMY, Colorado, eight miles north of Colorado Springs. Major operations: education of cadets in preparation for careers as officers, Air Force Academy Preparatory School, Frank J. Seiler Research Laboratory (AFSC).

VANCE AFB, Oklahoma, four miles south of Enid. ATC base. Major operations: undergraduate pilot training. Named for Lt. Col. Leon R. Vance Jr., WW II Medal of Honor winner, killed in 1944 when air-evacuation plane returning him to the United States crashed in the Alantic.

VANDENBERG AFB, California, eight miles north northwest of Lompac. SAC base. Major operations: 1st Strategic Aerospace Division, provides missile crew training, launch site, and support for operational ICBM tests and unmanned polar-orbiting space stations of USAF and NASA; Space and Missile Test Organization (AFSC); Shuttle Activation Task Force. Named for Gen. Hoyt S. Vandenberg, second Air Force chief of staff, 1948-1953. Died in 1954.

WESTOVER AFB, Massachusetts, five miles northeast of Chicopee Falls. AFRES base. Major operations: AFRES tactical airlift. Named for Maj. Gen. Oscar Westover, Chief of U.S. Army Air Corps in 1935, killed in 1938 near Burbank, California, in aircraft crash.

WHEELER AFB, Hawaii, located in the enter of the island of Oahu, eighteen miles from Honolulu. PACAF base. Major operations: tactical air support. Named for Maj. Sheldon H. Wheeler, WW I pilot killed in 1921 during aerial exhibition.

WHITEMAN AFB, Missouri, two miles south of Knob Noster. SAC base. Major operations: Minuteman ICBM support. Named for 2nd Lt. George H. Whiteman, Missouri native, first Army Air Force casualty of WW II, killed Dec. 7, 1941, while taking off from Wheeler Field.

WILLIAMS AFB, Arizona, thirty miles southeast of Phoenix. ATC base. Major operations: undergraduate pilot training, combat crew training for foreign students. Named for 1st Lt. Charles L. Williams, Arizona native killed in 1927 in bomber crash in Hawaii during aerial demonstration.

WILLOW GROVE NAS, Pennsylvania, twenty-three miles north of Philadelphia, five miles north of Willow Grove. ANG, AFRES tenants. Major operations: ANG tactical air support, AFRES tactical airlift. Named for city of Willow Grove.

WRIGHT-PATTERSON AFB, Ohio, ten miles east northeast of Dayton. AFLC base. Major operations: Headquarters Air Force Logistics Command; Air Force Acquisition Logistics Division; Air Force Contract Maintenance Center; Aeronautical Systems Division; Foreign Technology Division; Air Force Institute of Technology; Air Force Museum; Orientation Group, U.S. Air Force. Named for aviation pioneers Orville and Wilbur Wright, and 1st Lt. Frank S. Patterson, killed in 1918 in aircraft crash while testing gun synchronization.

WURTSMITH AFB, Michigan, three miles northeast of Oscoda. SAC base. Major operations: heavy bomber and tanker. Named for Maj. Gen. Paul B. Wurtsmith, Michigan native, WW II commander of Thirteenth Air Force, killed in 1946 crash of B-25 in North Carolina.

YOUNGSTOWN MAP, Ohio, six miles southeast of Warren. AFRES tenants. Major operations: AFRES tactical fighter. Named for city of Youngstown.

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## AIR FORCE 138-140 MHZ

| LOCATION | ST. | FREQ. | | | |
|---|---|---|---|---|---|
| RANDOLPH AFB | TX | 138.0750 | SHEPPARD AFB | TX | 138.2750 |
| RANDOLPH AFB | TX | 138.1650 | SHEPPARD AFB | TX | 138.3250 |
| RANDOLPH AFB | TX | 138.1750 | SHEPPARD AFB | TX | 138.9000 |
| RANDOLPH AFB | TX | 138.5000 | SHEPPARD AFB | TX | 139.6250 |
| RANDOLPH AFB | TX | 138.9000 | SHEPPARD AFB | TX | 139.6500 |
| RANDOLPH AFB | TX | 139.6500 | SHEPPARD AFB | TX | 139.8500 |
| REESE AFB | TX | 139.6500 | SPRINGFIELD | OH | 138.1000 |
| RICKENBACKER ANGB | OH | 138.0750 | SPRSTNMT | CA | 139.8000 |
| RICKENBACKER ANGB | OH | 138.4000 | STCKBRDG | NY | 139.8000 |
| RICKENBACKER ANGB | OH | 139.6250 | TINKER AFB | OK | 138.1000 |
| RICKENBACKER ANGB | OH | 139.8750 | TINKER AFB | OK | 138.3500 |
| ROBINS AFB | GA | 138.1250 | TINKER AFB | OK | 139.6500 |
| ROBINS AFB | GA | 138.2750 | TINKER AFB | OK | 139.8500 |
| ROBINS AFB | GA | 138.3500 | TINKER AFB | OK | 139.9000 |
| ROBINS AFB | GA | 138.4250 | TOLICHA | NV | 138.9000 |
| ROBINS AFB | GA | 138.5000 | TONPHRNG | NV | 138.2000 |
| ROBINS AFB | GA | 138.8750 | TONPHRNG | NV | 138.9000 |
| ROBINS AFB | GA | 139.6250 | TRAVIS AFB | GA | 138.0250 |
| ROBINS AFB | GA | 139.6500 | TRAVIS AFB | GA | 138.0500 |
| ROBINS AFB | GA | 139.7250 | TRAVIS AFB | CA | 138.0750 |
| ROBINS AFB | GA | 139.8000 | TRAVIS AFB | CA | 138.1750 |
| ROBINS AFB | GA | 139.8500 | TRAVIS AFB | CA | 138.8750 |
| ROBINS AFB | GA | 139.8750 | TRAVIS AFB | CA | 139.6250 |
| SALINSPK | NM | 138.4500 | TRAVIS AFB | CA | 139.9000 |
| SALT LAKE CITY | UT | 139.7000 | TRUAX FIELD | WI | 138.2500 |
| SAVANNAH | GA | 138.9250 | TRUAX FIELD | WI | 138.2750 |
| SCOTT AFB | IL | 138.0750 | TRUAX FIELD | WI | 138.3500 |
| SCOTT AFB | IL | 138.1750 | TRUAX FIELD | WI | 138.4500 |
| SCOTT AFB | IL | 139.6500 | TRUAX FIELD | WI | 138.9250 |
| SELFRIDGE ANGB | MI | 139.7000 | TRUAX FIELD | WI | 139.8000 |
| SEYMOUR JOHNSON AFB | NC | 138.0750 | TUCSON | AZ | 138.9250 |
| SEYMOUR JOHNSON AFB | NC | 138.1650 | TULSA | OK | 138.3750 |
| SEYMOUR JOHNSON AFB | NC | 138.1750 | TULSA | OK | 138.9250 |
| SEYMOUR JOHNSON AFB | NC | 138.3250 | TYNDALL AFB | FL | 138.3250 |
| SEYMOUR JOHNSON AFB | NC | 139.6500 | TYNDALL AFB | FL | 139.6500 |
| SEYMOUR JOHNSON AFB | NC | 139.8750 | TYNGSBOR | MA | 138.2250 |
| SHAW AFB | SC | 138.0750 | UNVRSYPK | PA | 139.7000 |
| SHAW AFB | SC | 138.1500 | US | US | 138.0750 |
| SHAW AFB | SC | 138.1650 | US | US | 138.1750 |
| SHAW AFB | SC | 138.1750 | USA | USA | 138.2250 |
| SHAW AFB | SC | 138.3000 | USA | USA | 138.3500 |
| SHAW AFB | SC | 138.3250 | USA | USA | 138.3750 |
| SHAW AFB | SC | 139.6500 | USA | USA | 139.6500 |
| SHAW AFB | SC | 139.7000 | USA | USA | 139.8250 |
| SHAW AFB | SC | 139.9750 | USA | USA | 139.9500 |

AIR FORCE 138-140 MHZ

| LOCATION | ST. | FREQ. |
|---|---|---|
| USP | USP | 138.0000 |
| USP | USP | 138.0250 |
| USP | USP | 138.0500 |
| USP | USP | 138.0750 |
| USP | USP | 138.1000 |
| USP | USP | 138.1250 |
| USP | USP | 138.1500 |
| USP | USP | 138.1750 |
| USP | USP | 138.2000 |
| USP | USP | 138.2250 |
| USP | USP | 138.2500 |
| USP | USP | 138.2750 |
| USP | USP | 138.3000 |
| USP | USP | 138.3250 |
| USP | USP | 138.3500 |
| USP | USP | 138.4000 |
| USP | USP | 138.4250 |
| USP | USP | 138.4500 |
| USP | USP | 138.4750 |
| USP | USP | 138.5000 |
| USP | USP | 138.8750 |
| USP | USP | 138.9000 |
| USP | USP | 138.9250 |
| USP | USP | 139.6000 |
| USP | USP | 139.6250 |
| USP | USP | 139.6500 |
| USP | USP | 139.6750 |
| USP | USP | 139.7000 |
| USP | USP | 139.7250 |
| USP | USP | 139.7500 |
| USP | USP | 139.7750 |
| USP | USP | 139.8000 |
| USP | USP | 139.8500 |
| USP | USP | 139.8750 |
| USP | USP | 139.9000 |
| USP | USP | 139.9250 |
| USP | USP | 139.9500 |
| USP | USP | 139.9750 |
| UsP | USP | 139.8250 |
| VANCE AFB | OK | 138.3500 |
| VANCE AFB | OK | 139.6500 |
| VANCE AFB | OK | 139.8500 |
| VANDENBERG AFB | CA | 138.0750 |
| VANDENBERG AFB | CA | 138.1650 |
| VANDENBERG AFB | CA | 138.1750 |
| VANDENBERG AFB | CA | 138.3250 |
| VANDENBERG AFB | CA | 139.6250 |
| VERONA | NY | 139.8000 |
| VOLK FIELD | WI | 138.1000 |
| VOLK FIELD | WI | 138.5000 |
| VOLK FIELD | WI | 138.9250 |
| WEST PALM BEACH | FL | 138.1750 |
| WESTOVER AFB | MA | 138.0250 |
| WESTOVER AFB | MA | 138.5000 |
| WESTOVER AFB | MA | 138.9000 |
| WHITE PLAINS | NY | 139.7000 |
| WILLIAMS AFB | AZ | 138.0250 |
| WILLIAMS AFB | AZ | 138.0750 |
| WILLIAMS AFB | AZ | 138.1250 |
| WILLIAMS AFB | AZ | 138.1650 |
| WILLIAMS AFB | AZ | 138.1750 |
| WILLIAMS AFB | AZ | 139.6500 |
| WILLIAMS AFB | AZ | 139.7250 |
| WILLIAMS AFB | AZ | 139.8500 |
| WILLIAMS AFB | AZ | 139.9000 |
| WILLOW GROVE NAS | PA | 138.3000 |
| WILLOW GROVE NAS | PA | 138.5000 |
| WILLOW GROVE NAS | PA | 138.9000 |
| WILTON | CA | 139.6000 |
| WLRGRSFD | OK | 138.9250 |
| WORCESTR | MA | 138.1250 |
| WORCESTR | MA | 138.2750 |
| WRIGHT-PATTERSON AFB | OH | 138.0250 |
| WRIGHT-PATTERSON AFB | OH | 138.0750 |
| WRIGHT-PATTERSON AFB | OH | 138.1750 |
| WRIGHT-PATTERSON AFB | OH | 138.2500 |
| WRIGHT-PATTERSON AFB | OH | 138.8750 |
| WRIGHT-PATTERSON AFB | OH | 138.9000 |
| WRIGHT-PATTERSON AFB | OH | 139.2500 |
| WRIGHT-PATTERSON AFB | OH | 139.6500 |
| WSMR | NM | 138.4500 |
| WSMR | NM | 139.6250 |
| WSMR | NM | 139.8000 |
| WSMR | NM | 139.9750 |
| WURTSMITH AFB | MI | 138.0750 |
| WURTSMITH AFB | MI | 138.1650 |
| WURTSMITH AFB | MI | 138.1750 |
| WURTSMITH AFB | MI | 138.3250 |
| YOUNGSTOWN MAP | OH | 138.2000 |

The "US" indicates use in any of all fifty states, "USA" is the forty-eight contiguous states, and "USP" is all fifty states plus possissions.

Looks like that's all we have time for this month. Next month's column will include an outline of frequencies from the Johnson Space Center as well as some National Forests, National Parks and Recreational Areas in the state of Texas. See you then.

73's -
Henry

# International

This column is for reporting two-way communications frequencies above 30 MHz, radio system details, monitoring experiences, and any other information relating to monitoring in countries other than the United States and Canada. Send to: Rickey Stein, 456 Barrymore Place, North Brunswick, NJ 08902.

"We have a wheels-up on Angel", says the voice on the FRG-7700. That signals that Air Force One has just lifted off and the President is off to a 10 day swing through Ireland, Great Britain and France. As I sit here and listen to communications from the plane- a phone patch on Nationwide back to D.C. and status reports to Crown on a HF frequency, I can't help wonder what kinds of communications will be heard on this trip on the ground in Europe. We know what happened on Mr. Reagan's trip to Tijuana, Mexico. We read about the shuffling of radios and frequencies that took place as reported by Rafael Mirano (MEX-004) in the November 1983 Newsletter.

It will be interesting to see the reports that come in from Ireland and the U.K. I am in touch with a number of Irish monitors whose ears will be glued to their scanners. They have told me that the usual Secret Service frequencies (VHF) used here, are all assigned to business radios, there. A correspondent who travels to London several times a year, has alerted me to a frequency usually operational on missions such as this. The name of this base, by the way, reflects a most prominent American symbol. The symbol can be seen on the London embassy.

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I will now list the various channels and frequencies for various services in Sweden. The information comes from a number of sources and may be repetitive.One complete list comes from a handbook published by the Handic radio company. This information is not available from any governmental source in Sweden.

PUBLIC SAFETY- SWEDEN/ FREQUENCIES: SYSTEM-70

| ch | frequency | pol | ch | frequency | pol | ch | frequency | pol |
|---|---|---|---|---|---|---|---|---|
| 1 | 78.0125 | ch | 2 | 78.0375 | ch | 3 | 78.0625 | ch |
| 4 | 78.0875 | | 5 | 78.1125 | | 6 | 78.1375 | |
| 7 | 78.1625 | | 8 | 78.1875 | | 9 | 78.2125 | |
| 10 | 78.2375 | | 11 | 78.2625 | | 12 | 78.2875 | |
| 13 | 78.3125 | | 14 | 78.3375 | | 15 | 78.3625 | |
| 16 | 78.3875 | | 17 | 78.4125 | | 18 | 78.4375 | |
| 19 | 78.4625 | | 20 | 78.4875 | | 21 | 78.5125 | |
| 22 | 78.5375 | | 23 | 78.5625 | | 24 | 78.5875 | |
| 25 | 78.6125 | | 26 | 78.6375 | | 27 | 78.6625 | |
| 28 | 78.6875 | | 29 | 78.7125 | | 30 | 78.7375 | |
| 31 | 78.7625 | | 32 | 78.7875 | | 33 | | |
| 34 | 78.8125 | | 35 | 78.8375 | | 36 | 78.8625 | |
| 37 | 78.8875 | | 38 | 78.9125 | | 39 | 78.9375 | |
| 40 | 78.9625 | | 41 | 78.9875 | | 42 | | |
| 43 | 79.0125 | 00 | 44 | 79.0375 | 02 | 45 | 79.0625 | 04 |
| 46 | 79.0875 | 06 | 47 | 79.1125 | 08 | 48 | 79.1375 | 10 |
| 49 | 79.1625 | 12 | 50 | 79.1875 | 14 | 51 | 79.2125 | 16 |
| 52 | 79.2375 | 18 | 53 | 79.2625 | 20 | 54 | 79.2875 | 22 |
| 55 | 79.3125 | 24 | 56 | 79.3375 | 26 | 57 | 79.3675 | 28 |
| 58 | 79.3875 | 30 | 59 | 79.4125 | 32 | 60 | 79.4375 | 34 |
| 61 | 79.4625 | 36 | 62 | 79.4875 | 38 | 63 | 79.5125 | 40 |
| 64 | 79.5375 | 42 | 65 | 79.5625 | 44 | 66 | 79.5875 | 46 |
| 67 | 79.6125 | 48 | 68 | 79.6375 | 50 | 69 | 79.6625 | 52 |

| ch | frequency | pol ch | ch | frequency | pol ch | ch | frequency | pol ch |
|---|---|---|---|---|---|---|---|---|
| 70 | 79.6875 | 54 | 71 | 79.7125 | 56 | 72 | 79.7375 | 58 |
| 73 | 79.7625 | 60 | 74 | 79.7875 | 62 | 75 | 79.8125 | 64 |
| 76 | 79.8375 | 66 | 77 | 79.8625 | 68 | 78 | 79.8875 | 70 |
| 79 | 79.9125 | 72 | 80 | 79.9375 | 74 | 81 | 79.9625 | 76 |
| 82 | 79.9875 | 78 | | | | | | |

□□□□□□□□

| NATIONWIDE | CH | FREQUENCY | | |
|---|---|---|---|---|
| Police | 72 | 79.9125 | Nationwide-1 | B/M |
| | 00 | 79.0125 | Nationwide-2 | B/M |
| | 56 | 79.7125 | Traffic-1 | B/M |
| | 62 | 79.7875 | Traffic-2 | B/M |
| | 70 | 79.8875 | Traffic-3 | B/M |
| | 74 | 79.9375 | Traffic-4 | B/M |
| | 60 | 79.7625 | Traffic-5 | B/M |
| Fire | 44 | 79.0375 | Nationwide Fire | B/M |
| Ambulance | 44 | 79.0375 | Nationwide Ambulance | B/M |

□□□□□□□□

| STOCKHOLM | A | | all are Base/Mobile |
|---|---|---|---|
| Police | 1 | 168.7125 | Inquiries |
| | 2 | 168.7625 | Order- police |
| | 3 | 168.8375 | Rolling units |
| | 4 | 168.8875 | Reports from mobile units |
| | 5 | 168.9125 | Traffic police and special units |
| | 6 | 168.9625 | Special/ Traffic-1 |
| | 7 | 168.6875 | Special/ Traffic-2 |
| | 1 | 167.0625 | Underground subway-police |
| | 2 | 167.4375 | Underground subway-police |
| | 00 | 79.0125 | System 70- general |
| | 08 | 79.1125 | System 70- general |
| | 40 | 79.5125 | System 70- general |
| | 50 | 79.6375 | System 70- general |
| | 60 | 79.7625 | System 70- general |
| Fire | 29 | 78.7125 | |
| | 18 | 78.4375 | |
| | 3 | 78.0625 | Fire ground |
| Ambulance | 14 | 78.3375 | |

••••••••

Norman Schrein (OH-145) sends in the following information from the Fox "Scanner Radio Listings" book:

| AM/FM | FREQ. | CALL | LICENSEE | LOCATION |
|---|---|---|---|---|
| FM | 149.450 | ? | Cable and Wireless (W.I.) Ltd. | Mustique Is.,Grenadine Islands |
| FM | 149.525 | CVO-54 | Administración Nacional de Telecomunicacciones | Montevideo,Uruguay |
| AM | 149.570 | YNLS-1 | Metasa | Tipitapa,Nicaragua |
| AM | 150.500 | HT CS | Cotton States | Managua, Nicaragua |
| AM | 150.950 | HUBZ | Telecomunicacciones | El Picacho,El Salvador |

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Well, that's it until next month. Please keep the information coming in. Thanx....

# Marketplace

Gary M. Darcy, Editor

Members may advertise, free of charge, items wanted, items for sale, and items for trade that are associated with the hobby of monitor/utility radio listening. No dealer ads will be accepted for this column. RCMA assumes no responsibility for the outcome of any transactions between members resulting from ads printed in this column. Send to:
RCMA MARKETPLACE, c/o Gary M. Darcy, P.O. Box 1329, Palmdale, CA 93550.

Please be sure to include your membership number.

All Marketplace ads will be accepted ONLY on special forms available from this column's editor. Send a self-addressed STAMPED envelope (business size) to the address above to receive a supply of forms. Foreign members do not need to include postage on envelopes they send.

FOR SALE: Bearcat 350. Recently factory repaired and modified. Perfect condition and under a year's warranty. $350.00. Contact: HARRY McCABE (NC-008) 8140 Willowdale Ct., Springfield, VA 22153 or phone 703-455-9086 (day) or 202-566-7715.

FOR SALE: Bearcat BC-100. Perfect condition; new model with BNC connector; shipping included. $250.00. Contact: HARRY McCABE (NC-008), 8140 Willowdale Ct., Springfield, VA 22153 or phone 703-455-9086 (day) or 202-566-7715.

FOR SALE: Regency D-810. Perfect condition; programs and receives out-of-band; shipping included. $225.00. Contact: HARRY McCABE (NC-008), 8140 Willowdale Ct., Springfield, VA 22153 or phone 703-455-9086 (day) or 202-566-7715.

FOR SALE: Grove CVR-1A Scanverter. Converts 118-136 Mhz to 225-400 Mhz; good sensitivity; shipping included. $60.00. Contact: HARRY McCABE (NC-008), 8140 Willowdale Ct., Springfield, VA 22153 or phone 703-455-9086 (day) or 202-566-7715.

FOR SALE: Grove FTR-1. Filters out interference in scanners; works great; shipping included. $30.00. Contact: HARRY McCABE (NC-008), 8140 Willowdale Ct., Springfield, VA 22153 or phone 703-455-9086 (day) or 202-566-7715.

FOR SALE: Regency M-400. Perfect condition; factory aligned for out-of-band reception; shipping included. $250.00. Contact: HARRY McCABE (NC-008), 8140 Willowdale Ct., Springfield, VA 22153 or phone 703-455-9086 (day) or 202-566-7715.

FOR SALE: Bearcat 200. $300.00 (Canadian). Also, Realistic PRO-20A. $100.00 (Canadian). Canadian funds only; free shipping; all accessories included. Contact: RUSSELL FARRELL (CAN-098), P.O. Box 1171, St. Catharines, Ontario, Canada L2R 7A7 or phone 416-688-1121 between 1000 and 2100 E.T.

FOR SALE: Bearcat III. Works fine; includes antenna, AC/DC cords, and list of crystals available. $60.00. Contact: JIM STROIKA (WI-066), 4817 N. Elkhart, Whitefish Bay, WI 53217.

FOR TRADE: Bearcat BC-210XL. Would like to trade for BC-100 or Realistic PRO-3. Has all accessories. Contact: DAVID FULLER (LA-431), Rt. 2 Box 156-A, Bogalusa, LA 70427 or phone 504-732-9903 (?).

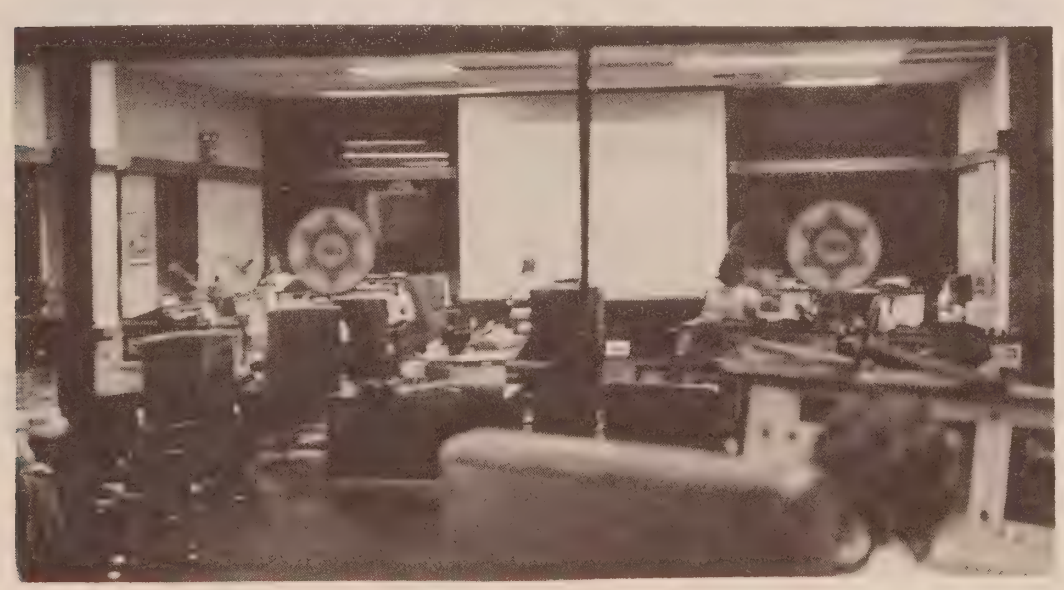
# photo department

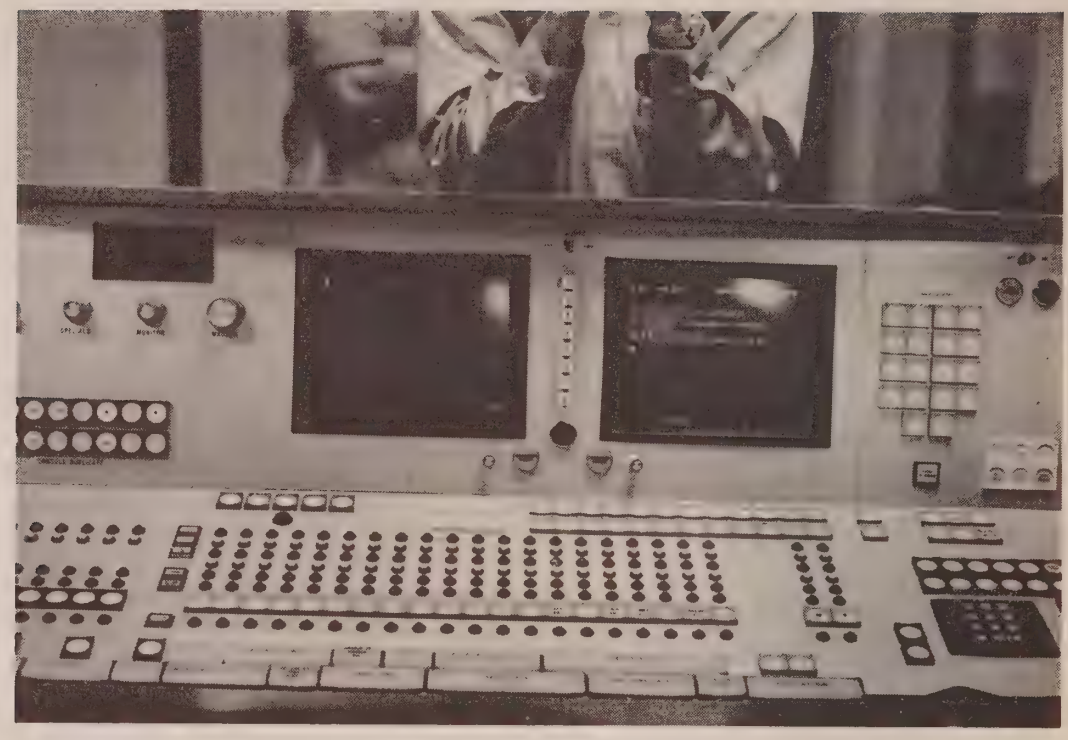
Send photographs of custom monitor listening posts, unusual or extensive monitor or two-way antenna systems, user station consoles (PD, Fire, Paramedics, etc.) or other monitor/two-way related equipment of interest. Photographs must be 3 x 5 inches or larger, black-and-white with good contrast, sharply focused and attractively composed. Each photo must be accompanied by details and explanations of equipment. Photos will not be returned. If you have questions, write first and please include an SASE. Send photos or write to:

Hugh Stegman, 11622 Exposition Blvd., #2, Los Angeles, CA 90064

## Los Angeles County Sheriff's Radio Center (SRC)

This bunkerlike facility, which was designed to survive anything short of a direct nuclear hit, also survived the fifty RCMA members who took a most informative tour last May. An unusually sophisticated CAD system at this hilltop site handles nineteen busy sheriff's stations throughout the urbanized areas of L.A. County.





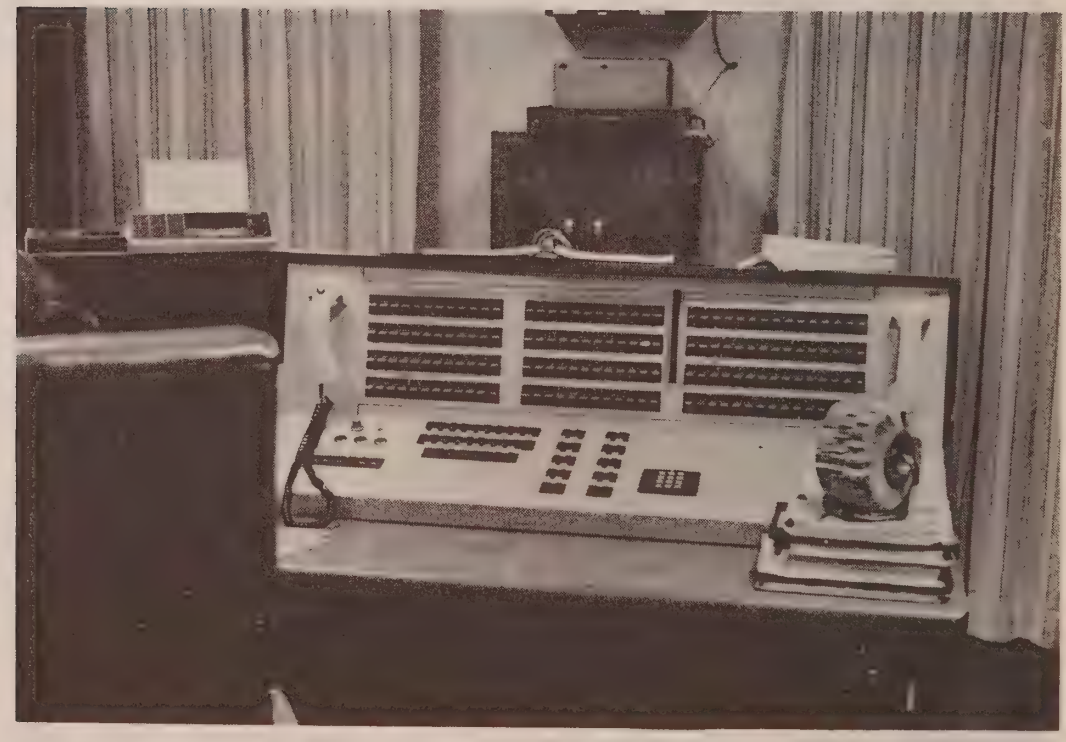


Photo Dept continued

The next photo shows the dispatch room itself. Supervisory consoles are in front of the glass doors. Equipment is of special design, with twin 1134 mainframes controlling most functions. Rather then assigning specific areas, the computer hands each dispatch to the next idle console, choosing such things as base stations automatically. Calls are taken by sworn LASO 911 operators, then given to the civilians at SRC. Other functions are for civil defense, such as activating the local Emergency Broadcast System (CONELRAD to you old timers) and the air raid sirens (the ones that still work, anyway).

A typical console is shown in the next two shots. The vertical rows of buttons below the CRT's control the various VHF - low band frequencies. Eleven or so pairs are used for dispatch, plus nine tac channels (not usually monitored by SRC). When the skip was in, the characteristic "busy" beeps were heard all over North America. These are to tell the units that the pair is in use, so they don't step on each other. The dispatcher can also activate the "patch", which repeats the mobiles so they can copy one another. Ten UHF tac freqs are also used, one of which is for emergencies and is monitored by SRC. Believe it or not, all these frequencies are badly overloaded, and LASO is trying to improve its radio system. MDT is being studied, as is a system of transponders in the mobile units.

The phone keys in the other photo are direct lines to just about every local agency short of the sewer inspectors. Not shown are some buttons which allow monitoring of any and all radio frequencies that the operator selects. Also note the trusty BC 250.

LASO has a number of emergency mobile units, some of which are shown in the last photo. A similar van (not visible) is used for the local RACES (Radio Amateur Civil Emergency Service), which helps LASO at the Rose Parade. These would be the only hams left on the air if the worst ever really happened.

## OLYMPIC UPDATE

This column should be reaching the readers just as the Olympics are starting, and I should be getting some good pictures. Your intrepid Photo Dept. editor was chosen as one of the forty local hams who are operating NG8L40, the official amateur station in the UCLA village.

Photo Dept continued
This is the only such station allowed, and should be a prize QSL. I hope I get to contact some RCMA members.

The Russian boycott started about twelve hours after I mailed last month's column. That's a real hazard with long lead times, but fortunately no changes were made in security plans or radio use. It was pretty uncertain for a while. LAOOC personnel are now using hundreds of brand new Motorola HT's, all on UHF. As a major sponsor, Motorola is literally the "official" Olympic radio. Ham gear is Yaesu, however.

ABC has opened yet another TV studio, in another old movie lot halfway between the two shown last month. All international feeds are originating from there (satellite city!). ABC uses a shuttle bus for all these places, plus four helicopters for sports venues.

Whoever has the "official" chain-link fencing is now a millionaire. L.A. is one big perimeter, with guys holding the ubiquitous Motorola HT's everywhere one cares to look. Most local agencies in areas near Olympic venues have also contracted for support services, and they have greatly increased their own radio use. Therefore, don't ignore any frequencies. I wonder if that 1000-channel conversion for the BC 250 works...

I still have no photos from the members, so here's your chance to get something in without waiting until the next sunspot cycle. Have a great summer. 73.

This column is for reporting Public Safety and Special Emergency frequency information, radio system details, radio codes, dispatch areas, unit numbering systems, etc. for police, sheriff, fire, forestry (except USFS), fish and game, highway patrol, state police, prisons, prisoner work camps, local government, highway & street maintenance, port authority/bridge maintenance, animal control, ambulances, paramedics, hospitals, life guards, ski patrol, search & rescue, flood control, civil defense and disaster organizations. Input and questions for this column must be sent to the proper regional Public Safety editor listed below.

## STANDARD TEN SIGNALS

The RCMA recognizes that most Public Safety Departments use "ten signals" as a part of their standard communication procedure. Our editors will not print the more common signals, which are listed below, but will note additions and differences when listing a departments "ten signals". By not having to print the below listed signals repeatedly, we will save valuable space for additional data. Only differences and additions to this listing will be noted by editors. Please refer to this listing when monitoring. Any corrections or additions will be noted during coverage by the editor.

| | | | |
|---|---|---|---|
| 10-1 | Receiving poorly | 10-33 | Emergency |
| 10-2 | Receiving well | 10-36 | Correct time |
| 10-3 | Stop transmitting | 10-41 | Beginning duty tour |
| 10-4 | Okay, acknowledgement | 10-42 | Ending duty tour |
| 10-5 | Relay | 10-43 | Information |
| 10-6 | Busy | 10-50 | Accident (F, PI, PD) |
| 10-7 | Out of service | 10-51 | Wrecker needed |
| 10-8 | In service | 10-52 | Ambulance needed |
| 10-9 | Repeat | 10-55 | Intoxicated driver |
| 10-13 | Weather / Road conditions | 10-56 | Intoxicated pedestrian |
| 10-18 | Quickly | 10-57 | Hit & run accident (F, PI, PD) |
| 10-19 | Return to ---------- | 10-70 | Fire alarm |
| 10-20 | Location | 10-71 | Advise nature of fire |
| 10-21 | Call ------- by telephone | 10-72 | Report progress of fire |
| 10-22 | Disregard | 10-73 | Smoke report |
| 10-23 | Arrived at scene | 10-74 | Negative |
| 10-24 | Assignment completed | 10-76 | Enroute |
| 10-25 | Report in person to --------- | 10-77 | Estimated time of arrival |
| 10-27 | Drivers license information | 10-82 | Reserve lodging |
| 10-28 | Vehicle registration information | 10-88 | Telephone number of ------ |
| 10-29 | Check for wanted | 10-99 | Wanted / Stolen is indicated |
| 10-30 | Unnecessary use of radio | 10-0 / 10-100 | Use caution |

# Radio Communications Monitoring Association

Official Frequency Guide to 1984 Los Angeles Summer Olympic Games

## FREQS WE THINK SHOULD BE GOOD

| | |
|---|---|
| 500.7875 | PRESS RELATED |
| 501.7875 | SECURITY #1 |
| 462.6250 | TRAINING FREQUENCY |
| 450.1375 | KABC CH 7 NEWS |
| 26.39 | KABC CH 7 CUEING |
| 464.550 | OPEN/CLOSE CEREMONIES |
| 471.1625 | ABC-TV "TV BASE" |
| 463.600 | ABC-TV PAGING KFY499 |
| 929.7875 | LAOOC PAGING |
| 506.6625 | TRANSPORTATION UCLA |
| 161.22 | LAOOC ? TRY .0125 AWAY |

## UNUSED TV CHANNELS ASSIGNMENTS

| | |
|---|---|
| 482-488 TV CH 16 | ABC-TV LOGISTICS |
| 500-506 TV CH 19 | LAOOC LOGISTICS |

## AIR QUALITY MANAGEMENT DISTRICT

| | |
|---|---|
| 39.98 | SMOG ALERTS (REMEMBER SMOG IS THE OFFICIAL AIR) |
| 162.55/.40 | NATIONAL WEATHER FORCST |

## AM AIRCRAFT CHANNELS

122.750 AIR/AIR ALL PD HELICOPTER UNITS
123.025 ALTERNATE TO 122.75

| CALL | CITY OR SERVICE |
|---|---|
| SKYNIGHT | LA CO SHERIFF |
| ARGUS | LA CO SHERIFF |
| H 20,30,40,50 | CAL HIGHWAY PATROL |
| AIR 1..12 | LAPD OR LASO |
| PD 1..4 | PASADENA PD |
| FOX | LONG BEACH PD |
| ANGEL | ANAHEIM PD |
| HB 1 | HUNTINGTON BEACH PD |
| EAGLE | COSTA MESA PD |
| OCEAN | NEWPORT BEACH PD |
| REG CALL | NEWS MEDIA, LASO |

## OTHER MAJOR PUBLIC SAFETY FREQUENCIES

| | |
|---|---|
| 154.83 | LAPD TAC ONE HOT SHOT CALLS |
| 154.77 | LAPD TAC TWO DETECTIVE ETC |
| 154.995 | LAPD TAC THREE |
| 154.92 | CLEMARS POLICE MUTUAL AID |
| 154.28 | FIRE MUTUAL AID |
| 506.8375 | LAPD METRO DIVISION & "SWAT" |
| 460.025 | ORANGE COUNTY EMERGENCY "RED" |
| 460.200 | ORANGE COUNTY "SOUTH" |
| 460.400 | ORANGE COUNTY "NORTH" |
| 460.500 | ORANGE COUNTY "BLUE" |
| 460.150 | ORANGE COUNTY "WHITE" SIMPLEX |

## GOODYEAR BLIMP

| | |
|---|---|
| 132.00 | AM |
| 161.64 | ABC-TV SPORTS LINK |
| 161.70 | ABC-TV CAMERA DIRECTIONS |

## TRAFFIC CONDITIONS

| | |
|---|---|
| 47.24 | CALTRANS |
| 455.950 | METRO TRAFFIC CONTROL |
| 42.34B/42.18M | CHP SIGALERTS |
| 462.675 | GMRS TRAFFIC WATCH |
| 146.82 R | EMERG CALLS FOR CHP HELP |
| CB 9,15,19,21 | THEY TELL IT AS IT IS |

## L.A. TELEVISION BROADCAST SERVICES

| | | |
|---|---|---|
| 450.1625 | R | ABC BASE CH 7 KABC |
| 455.1875 | S | CBS CH 2 KCBS |
| 161.76 | S | KNBC NETWORK DESK |
| 450.2875 | S | CH 2 KNXT NEWS |
| 450.5125 | S | CH 2 ENGINEERING |
| 450.4125 | S | CH 2 TERTIARY USE |
| 450.6124 | S | CH 2 TERTIARY USE |
| 450.8000 | S | CH 2 PRODUCTION |
| 450.0875 | S | CH 2 SECONDARY USE |
| 450.1875 | R | CH 4 KNBC REMOTES |
| 450.3875 | R | CH 4 ENGINEERING |
| 450.5375 | R | CH 4 PRODUCTION |
| 450.5625 | R | CH 4 REMOTES |
| 152.51-81 | | CH 4 MOBILE TELE |
| 450.350 | S | CH 5 KTLA NEWS&ENG |
| 450.250 | S | CH 5 SECONDARY |
| 450.1375 | R | CH 7 KABC NEWS |
| 450.3125 | R | CH 7 ENG/PRODUCT. |
| 450.2125 | R | CH 9 KHJ NEWS |
| 455.0875 | S | CH 9 ENG/SECONDRY |
| 450.5875 | R/S | CH 11 KTTV NEWS |
| 25.87 26.47 | | CH 11 |
| 450.3125 | S | CH 13 KCOP NEWS |
| 450.700 | | KNX RADIO |
| 450.100/.650 | | KABC RADIO LOW PWR |

## EMERGENCY MEDICAL

| | | | |
|---|---|---|---|
| 155.34 | PRIM | | INTER HOSP EMERG |
| 155.28 | REG | | INTER HOSP EMERG |
| 462.950 | MED 9 | | LA CO DISPATCH |
| 462.975 | MED 10 | | OR CO DISPATCH |
| 463.000 | MED 1 | | |
| 463.025 | MED 2 | | AMBULANCES |
| 463.050 | MED 3 | | ARE 5 MHZ |
| 463.075 | MED 4 | | HIGHER AND |
| 463.100 | MED 5 | | LOW POWER |
| 463.125 | MED 6 | | |
| 463.150 | MED 7 | | |
| 463.178 | MED 8 | | HELICOPTERS |
| 153.755 | R | OFF | EMERG DISASTER SERVICE |
| 154.16 | R | F1 | LA COUNTY |
| 154.22 | R | F2 | ORANGE COUNTY |
| 154.92 | | | TACTICAL |
| 148.65 | R | | ARMY NAT GUARD EMERG |
| 150.525 | | | ARMY NAT GUARD LA CO |
| 41.50 | | | N GUARD LOS ALAMITOS |
| 148.15 | R | | CIVIL AIR PATROL |

## LOS ANGELES SHERIFF'S OFFICE

| | | | |
|---|---|---|---|
| 470.6875 | R | F1 | COUNTY WIDE |
| 470.9375 | R | F2 | DETECTIVE |
| 470.7375 | R | F3 | DETECTIVE |
| 470.7625 | R | F4 | EMERGENCY |
| 470.8375 | R | F5 | SOUTH WEST |
| 470.8875 | R | F6 | CENTRAL |
| 470.8875 | R | F7 | SOUTH EAST |
| 470.9125 | R | F8 | EAST |
| 470.7875 | R | F9 | SRC |
| 470.8125 | R | F10 | NORTH |
| 39.48 | S | | CHARLIE |
| 39.60 | S | | HENRY |
| 39.72 | S | | EDWARD |
| 39.32 | S | | WILLIAM |
| 39.38 | B | | ADAM --HOT CALLS |

**LOS ANGELES COLISEUM AREA**
**--OPENING & CLOSING CEREMONIES**
**--TRACK & FIELD, BOXING, SWIMMING**

| | |
|---|---|
| 506.9875 | LAPD SW DIVISION |
| 507.0375 | LAPD SW TACTICAL |
| 33.70 | LA CITY FIRE |
| 464.375/.525/.675 | USC SECURITY |
| 453.900 | PARKS/REC |
| 42.46B/42.70M | CHP CENTRAL |

**THE FORUM --BASKETBALL**

| | |
|---|---|
| 460.150 | INGLEWOOD PD BASE |
| 460.275 | INGLEWOOD PD SIMPLEX |
| 154.175 | INGLEWOOD FIRE |
| 155.22 | AMBULANCE |
| 42.56B/42.72M | CHP SOUTH LA |
| 42.44B/42.76M | CHP WEST LA |

**UNIV OF CALIF SANTA BARBARA --CANOEING**

| | |
|---|---|
| 155.505/.445/.475 | UC SANTA BARBARA PD |
| 460.275/.325/.025/.050 | SB SHERIFF |
| 153.77/154.25 | SANTA BARBARA FIRE |
| 42.54B/42.24M | CHP SANTA BARBARA |
| 42.56B/42.72M | CHP SAN LUIS OBISPO |

**CAL STATE DOMINGUEZ HILLS -- CYCLING**

| | |
|---|---|
| 153.74 | CSUDH UNIV PD |
| 39.20B/39.66M 39.48 | C/C LASO CARSON |
| 154.43 | LA COUNTY FIRE |
| 42.56B/42.72M | CHP S LA "WHITE" |

**CAL STATE FULLERTON -- HANDBALL**

| | |
|---|---|
| 153.74 | CSUF PD |
| 151.715 152.48 | CSUF |
| 460.100 | FULLERTON PD |
| 46.32 | FULLERTON FIRE |
| 42.40B/42.16M | CHP SANTA ANA |

**ANAHEIM CONVENTION CENTER -- WRESTLING**

| | |
|---|---|
| 460.050 | ANAHEIM PD |
| 453.950 | CONV CENTER SECURITY |
| 464.4625 | DISNEYLAND SECURITY |
| 46.26 | ANAHEIM FIRE |
| 42.40B/42.16M | CHP SANTA ANA |

**UNIV CAL LOS ANGELES-- GYMNASTICS & TENNIS**

| | |
|---|---|
| 155.445/.505/.475 | UCLA PD |
| 506.7625 | LAPD WEST DIV |
| 506.8125 | LAPD WEST TAC |
| 46.56 | UCLA PARKING |
| 33.70/.83 | LA FIRE |

**PEPERDINE UNIVERSITY -- WATERPOLO**

| | |
|---|---|
| 154.515/.540 | CAMPUS SECURITY |
| 39.70B/39.24M | LASO MALIBU |
| 42.44B/42.76M | CHP MALIBU |
| 154.40 | LA CO FIRE |
| 33.08 | MALIBU AMBULANCE |

**EAST LA CITY COLLEGE -- HOCKEY**

| | |
|---|---|
| 154.515/.625 | CAMPUS SECURITY |
| 39.76B/39.30 | LASO E.LA DIV |
| 154.43 | LA CO FIRE |
| 42.52B/42.30M | CHP EAST LA |

For Latest Information on Olympic Frequencies call 714 533-INFO

**DODGER STADIUM -- BASEBALL**

| | |
|---|---|
| 151.715/154.57 | STADIUM |
| 151.745 | DODGER TEAM |
| 506.9375 | LAPD RAMPART DIV |
| 506.5875 | LAPD RAMPART TAC |
| 33.70 | LA CITY FIRE |
| 42.46B/42.70M | CHP LA CENTRAL |
| 42.50B/42.82M | CHP GLENDALE |
| 153.80/.92 | ELYSIAN PARK RANGERS |

**LOYOLA MARYMOUNT UNIV -- WEIGHTLIFTING**

| | |
|---|---|
| 151.655/ 43.00 | CAMPUS SECURITY |
| 506.7625 | LAPD WILSHIRE DIV |
| 506.9625 | LAPD TAC |
| 33.70 | LA CITY FIRE |
| 42.44B/42.76M | CHP W.LA "PINK" |

**PRADO RECREATION AREA --SHOOTING**

| | |
|---|---|
| 155.04/.805 | CHINO PD |
| 154.86 | |
| 155.97/.91/154.92 | SB SHERIFF |
| 154.845/155.55 | SB SHERIFF HT'S |
| 154.025 | CHINO FIRE |
| 151.445 | CALIF DEPT FORESTRY |
| 42.88B/42.66M | CHP ONTARIO |
| 42.60B/42.74M | CHP SAN BERNARDINO |
| 39.10/ 153.755 | STATE PRISON |

**IRVINE AREA -- PENTATHLON**

| | |
|---|---|
| 460.600 | IRVINE PD |
| 460.425 | ORANGE CO SHERIFF |
| 46.14 | ORANGE CO FIRE |
| 460.200 | ORANGE SOUTH PD |
| 462.950 | PARAMEDIC COORD |
| 168.750 | CLEVELAND USFS |
| 154.905 | CHP EXTENDERS |
| 42.48B/42.68M | CHP CAPISTRANO |

**SANTA ANITA RACE TRACK -- EQUESTRIAN**

| | |
|---|---|
| 507.0625 | ARCADIA PD |
| 506.5625 | ARCADIA PD |
| 154.37/153.83 | ARCADIA FIRE |
| 464.525 | SANTA ANITA MALL |
| 42.88B/42.66M | CHP BALDWIN PARK |

**FAIRBANKS RANCH -- EQUESTRIAN**

| | |
|---|---|
| 453.750 | SAN DIEGO SHERIFF COAST |
| 453.925 | SAN DIEGO SHERIFF INLAND |
| 453.425 | SAN DIEGO SHERIFF TAC |
| 154.235/.385/.175 | SD COUNTY FIRE |
| 453.675 | LAW ENFORCEMENT INTERTIE |
| 462.975 | LIFE FLIGHT HELICOPTERS |
| 42.12B/42.20M | CHP OCEANSIDE |
| 42.88B/42.66M | CHP SAN DIEGO |

**ROSE BOWL PASADENA --FOOTBALL (SOCCER)**

| | |
|---|---|
| 506.4625/.6875 | PASADENA PD |
| 153.89 46.10 154.2035 | PASADENA FIRE |
| 155.955 | PD EXPLORERS |
| 39.54B/39.26M | LASO ALTADENA |
| 158.82 458.950 HT | LOCAL GOVT |
| 42.50B/42.82M | CHP GLENDALE |
| 42.46B/42.70M | CHP LA CENTRAL |

## CAL STATE UNIV LOS ANGELES --JUDO

| | |
|---|---|
| 153.74/154.54 | CSULA PD |
| 507.1875 | LAPD HOLLENBECK |
| 506.5875 | LAPD TAC |
| 471.1375/.0125 | ALHAMBRA POLICE |
| 33.70 | LA CITY FIRE |
| 39.76B/39.30M | LASO EAST LA |
| 42.52B/42.30M | CHP EAST LA |

## LAKE CASITAS, -- ROWING

| | |
|---|---|
| 159.21/156.15/158.73 | VENTURA CO SO |
| 154.01/154.325 | VENTURA CO FIRE |
| 151.025 | COUNTY ROADS |
| 153.785 | PARKS & REC |
| 170.550 | USFS LOS PADRES |
| 42.40B/42.16M | CHP VENTURA |
| 42.54B/42.24M | CHP SANTA BARBARA |

## LONG BEACH AREA --FENCING ARCHERY YATCHING VOLLEYBALL

| | |
|---|---|
| 151.865 | CONVENTION CTR SECURITY |
| 460.125/.225/.350/.450 45.10/.78 | LBPD |
| 155.505 | LBPD HANDI TALKIES |
| 153.95 453.550 | LB FIRE |
| 453.700 | LB AIRPORT SECURITY |
| 453.225 | LB PARKS & BEACHES |
| 153.23 | LB HARBOR DEPT |
| 153.74 | CSULB CAMPUS PD |
| 165.3125 | COAST GUARD INTELLIGENCE |
| 171.3375/.3625 | COAST GUARD SECURITY |
| 42.48B/42.68M | CHP WESTMINSTER |

## AIRPORTS

LOS ANGELES INTERNATIONAL

| | | | | |
|---|---|---|---|---|
| TOWER | 120.95 | 133.9 | | |
| APPROACH | 124.5 | 124.9 | 127.85 | 128.5 |
| DEPARTURE | 124.3 | 125.2 | | |
| GATE HOLD | 126.25 | | | |
| CLR DELIV | 121.4 | | | |
| HELICOPTER | 119.8 | | | |
| ATIS | 133.8 APPROACH | | 135.65 DEPT | |
| LAX PD | 460.525 | | | |

ONTARIO INTERNATIONAL

| | | | | |
|---|---|---|---|---|
| TOWER | 120.6 | | | |
| APPROACH | 125.5 | 127.0 | 134.0 | 119.65 |
| DEPARTURE | 125.5 WEST | | 135.4 EAST | |

HOLLYWOOD, PASADENA, BURBANK

| | | | | |
|---|---|---|---|---|
| TOWER | 118.8 | | | |
| APPROACH | 120.4 | 124.6 | 134.2 | 135.05 |
| DEPARTURE | SAME AS APPROACH | | | |

SANTA ANA, JOHN WAYNE

| | | |
|---|---|---|
| TOWER | 119.9 | 126.8 |
| APPROACH | 121.3 | 124.65 |
| HELICOPTER | 128.35 | |
| ATIS | 126.0 | |

LONG BEACH

| | |
|---|---|
| TOWER | 119.4 |
| APPROACH | 124.65 |

## CALIFORNIA DEPARTMENT OF TRANSPORTATION-CALTRANS

| | |
|---|---|
| 47.02 | METRO/EASTERN/LONG BEACH/ORANGE/WESTWOOD |
| 47.12 | VENTURA/NEWHALL/FOOTHILL |
| 47.24 | SIGNAL LAB/TRAFFIC OPERATIONS/SP SERVICE |
| 47.08 | CAR TO CAR |
| 47.10 | EAST RIVERSIDE/SAN DIEGO |
| 47.16 | WEST RIVERSIDE/SAN BERNARDINO |
| 47.24 | FREEWAYS FREQUENCY 1 |
| 45.68 | FREEWAYS FREQUENCY 2 |

## LA COUNTY RAPID TRANSIT

| | |
|---|---|
| 43.78 | SUPERVISORS |
| 453.475R "A" | STAFF & SUPERVISORS |
| 453.625R "B" | SPECIAL AGENTS/PD |
| 453.275 "C" | MAINTENANCE |
| 453.325 "D" | UNIT TO UNIT |
| 472.5375R F1 | THESE ARE BUS |
| 472.6375R F2 | CHANNELS AND |
| 472.5625R F3 | MAY BE A GOOD |
| 472.6625R F4 | WAY TO MEASURE |
| 472.5875R F5 | THE TRUE TRAFFIC |
| 472.6875R F6 | PICTURE. THE |
| 472.7125R F7 | DRIVERS TELL IT |
| 472.6125R F8 | LIKE IT IS. |
| 471.3375R F9 | SOMETIMES LIKE |
| 471.3625R F10 | CB |

## ORANGE COUNTY RAPID TRANSIT

| | |
|---|---|
| 508.4625R | DIAL-A-RIDE |
| 508.6625R | |
| 508.6125R | DIAL-A-LIFT |
| 508.5125R | BUSSES |

## COAST GUARD & MARINE & USN

| | | |
|---|---|---|
| 156.80 | CH 16 | EMERGENCY&CALL |
| 156.30 | CH 06 | SAFETY |
| 157.10 | CH 22 | CG ASSISTANCE |
| 157.05 | CH 21 | CUTTERS+CHOPTERS |
| 157.175 | CH 83 | CUTTERS PRIM |
| 171.3375/.3625 | | CG SECURITY |
| 165.3125 | | CG INTELLIGENCE |

| | |
|---|---|
| 141.000 | LOS ALAMITOS |
| 141.975 | USN S PATROL |

## RAILROADS

| | |
|---|---|
| 452.900R | AMTRAC |
| 160.26 | ATSF PBX |
| 160.665 | ATSF ROAD |
| 161.07/.37 | ATSF HOBART YARD |
| 160.38/.47 | SP YARD |
| 160.89 | SP PBX |
| 161.55 | SP ROAD |
| 160.29 | UP PBX |
| 160.68 | UP YARD |
| 160.74 | UP ROAD |
| 160.98 | HARBOR BELT LINE |
| 161.13 | LA JUNCTION |

## DISNEYLAND

| | |
|---|---|
| 42.98 | RIDES |
| 154.60 | RIDES |
| 154.57 | MAINTENANCE |
| 154.625 | PAGING |
| 462.575 | HOTEL |
| 464.4125 | MINTENANCE |
| 464.4625 | SECURITY |
| 464.4875 | PARKING/OPS |
| 464.5125 | SPEC EVENTS |
| 464.6375 | EMERGENCY |
| 464.7625 | TELEPHONE |
| 465.575 | HOTEL |

## CALIFORNIA HIGHWAY PATROL

NORTH APPROACH
42.50B/42.82M BAKERSFIELD
42.08B/42.28M TEJON, NEWHALL, LANCASTER
42.40B/42.16M VENTURA

EAST APPROACH
42.44B/42.28M BLYTHE, INDIO, BANNING
42.54B/42.24M RIVERSIDE
42.56B/42.72M BARSTOW, NEEDLES
42.60B/42.74M SAN BERNARDINO

SOUTH APPROACH
42.88B/42.66M SAN DIEGO
42.12B/42.20M OCEANSIDE, EL CAJON
42.48B/42.68M CAPISTRANO, WESTMINSTER
42.40B/42.16M SANTA ANA

LA METROPOLITAN AREA

| | | |
|---|---|---|
| 42.46B/42.70M | "BLACK" | CENTRAL LA DOWNTOWN AREA |
| 42.52B/42.30M | "YELLOW" | EAST LA I-5, SR-7 |
| 42.12B/42.20M | "GOLD" | SANTA FE SPRGS I-5,I-605 |
| 42.44B/42.76M | "PINK" | W LA MALIBU I-405,I-10 |
| 42.50B/42.82M | "BROWN" | GLENDALE, W VALLEY I-210,US101 |
| 42.88B/42.66M | "ORANGE" | BALDWIN PK, ONTARIO I-10,I-210 |
| 42.56B/42.72M | "WHITE" | SOUTH LA I-405, SR-11 |
| 42.34B/42.18M | "BLUE" | SIGALERTS, TRAFFIC ST WIDE |
| 42.42B/42.84M | "TAN" | PROBABLE OLYMPIC ACTIVITY |
| 42.48B/42.68M | "GREY" | WESTMINSTER (LONG BEACH AREA) |

CHP EXTENDERS STATE WIDE

| | | |
|---|---|---|
| 154.905 | F1 | REPEATER OR CAR TO CAR |
| 154.920 | F2 | CLEMARS (POLICE MUTUAL AID) |

## AUTOMOBILE CLUB OF SOUTHERN CALIF

150.905/.920/.935/.950/.965
452.525/.550/.575/.600

## ROAD MAINTENANCE COUNTY & CITY + LOC GOV'T

| | |
|---|---|
| 151.040R 151.115R | LA COUNTY |
| 151.070/.995 153.9 | LA COUNTY |
| 33.06 | LA CITY CENTRAL |
| 33.02 153.92R | LA CITY VALLEY |
| 151.085R 153.92R | ORANGE COUNTY |
| 156.060 159.120 | SAN BERNARDINO CO |
| 156.120/.165/.225 | SAN DIEGO COUNTY |
| 151.025 153.815R | VENTURA COUNTY |

If you cannot attend our special meeting 27 July 1984 at 8PM in the Mercury Savings & Loan building Lincoln and Valley View, Buena Park

we suggest you search 0 to 6 MHz below the Amateur 2 meter band and the same space above the Railroad frequencies. We by policy do not log these frequencies, but they may be quite interesting this month.

## LAPD ROVER UNITS -- LA EVENTS

| | |
|---|---|
| 506.5875 | ROVER 4 CENTRAL |
| 507.2625 | ROVER 5 VALLEY |
| 506.8125 | ROVER 6 WEST |
| 507.0375 | ROVER 7 SOUTH |
| 507.0875 | ROVER 8 EMER |

## QUEEN MARY

| | |
|---|---|
| 462.575 | |
| 464.375 | OPERATIONS |
| 464.775 | SECURITY |

## KNOTT'S BERRY FARM

| | |
|---|---|
| 151.625 | MAINTENANCE |
| 151.655 | SECURITY STATION "K" |
| 154.57 | RIDES MAINTENANCE |
| 158.46 | PAGING |
| 464.55 | ENTERTAINMENT |
| 464.825 | MARKETING |

## MAGIC MOUNTAIN

| | |
|---|---|
| 154.54 | KY7426 |
| 154.60 | KP2843 |
| 461.4375 | KC5971 |

## UNIVERSAL STUDIOS

| | |
|---|---|
| 152.90 | KWL760 |
| 152.93 | KWL699 |

## MARINELAND

| | |
|---|---|
| 151.805 | WYA936 |
| 151.685 | WXM831 |

## SEA WORLD

| | |
|---|---|
| 154.515 F1 | SECURITY |
| 154.540 F2 | OPERATIONS |
| 42.96 | PAGING |
| 35.72 | HYD BOATS/SKYTOWER |
| 171.05 | KILLER WHALE SHOW |

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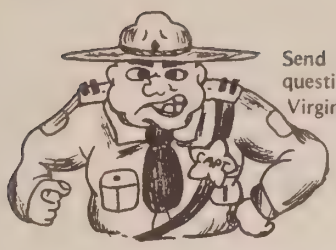


# PUBLIC SAFETY — SOUTH EAST:

Send Public Safety and Special Emergency frequencies, radio system details, and questions as follows — Florida, Georgia, N. Carolina, S. Carolina, W. Virginia, and Virginia:

William Mauldin, 2268 N.W. 30th Rd., Boca Raton, FL 33431

## VIRGINIA STATE POLICE

Virginia State Police Mobile Equipment:

1 General Electric CB Radio: Standard CB transceiver with channel 9 and 19 priority.

1 Vehicular Repeater: This unit uses the trooper's 453.350/458.350 MHz handheld to talk over the mobile state police radio. Range of the handheld is about one mile.

1 Standard VSP Mobile Radio: This radio is custom made for the State Police by Aerotron. The unit combines four transmit / receive frequency pairs with "PL" tones to produce 13 selectable "dispatch" frequencies. Channel 14 selects a simplex frequency for special operations and surveillance. A car to car TAC frequency is interfaced with which ever channel is selected with a "priority scan", allowing the trooper to simultaneously monitor any selected channel of 1 thru 14 and TAC.

Virginia State Police Channel Assignments:

| Channel | Division | Base / Mobile | Areas |
|---|---|---|---|
| 1 | 1 Southwest | 159.000 / 154.935 MHz | 1,6,7,8,4. |
| 2 | 1 Northeast | 158.985 / 154.905 | 2,3,44 |
| 3 | 2 | 159.165 / 155.445 | 12,13,14,15 |
| 4 | 7 | 159.135 / 155.460 | 10,9,11,45 |
| 5 | 3 South | 159.165 / 155.450 | 20,21,22,23 |
| 6 | 3 North | 159.135 / 155.460 | 16,17,18,19 |
| 7 | 4 East | 159.000 / 154.935 | 24,25,26 |
| 8 | 4 West | 159.165 / 155.445 | 27,28,29,30 |
| 9 | 5 Northeast | 159.165 / 155.445 | 32,33,37 |
| 10 | 5 Southwest | 159.135 / 155.460 | 34,35,36 |
| 11 | 6 South | 158.985 / 154.905 | 40,41,42,43 |
| 12 | 6 North | 159.000 / 154.935 | 38,39 |
| 13 | 5 Melfa | 159.000 / 154.935 | 31 |
| 14 | Statewide | Simplex 154.695 | Special Operations |
| TAC | Statewide | Simplex 154.665 | Car to car all units |

Virginia State Police Division Assignments and Base Call Signs:

| | | | |
|---|---|---|---|
| Division 1 | Richmond | KIC365 | |
| Division 2 | Culpepper | KIC367 | |
| Division 3 | Appomattox | KIB701 | |
| Division 4 | Wytheville | KIC368 | |
| Division 5 | Chesapeake | KIC410 | |
| Division 5 | Melfa Division | KIC825 | |
| Division 6 | Salem | KID667 | |
| Division 7 | Fairfax | KNAA586 | |
| All Mobiles | FCC License Call | KA5367 | (Call letters not used on air) |

State Police stations in Northern Virginia communicate with DC Metro Area Mutual Aid System on 453.550 MHz. and with Tidewater T-Cap Mutual Aid Net on 453.800 MHz. SIRS. Statewide mutual aid operates on 39.540 MHz; Statewide Mutual Aid Rescue Squad Net is 155.205 MHz; Virginia Dept of Corrections is 39.120 MHz; and Virginia Highway Maint uses 453.850 MHz and 154.025 MHz for dispatching.

With the exception of the Melfa Area Office (Division 5), all Virginia State Police dispatching is done by the Division Headquarters dispatcher, using the city name and call letters of the division station as part of the dispatch transmission identification process.

Virginia State Police - Divisions and Area Offices:

| Division 1 | Richmond Headquarters | KIC365 Channel 1: |
|---|---|---|
| Area 1 | Ashland Office | Hanover, Henrico Counties |
| Area 4 | Mineral Office | Goochland, Louisa Counties |
| Area 6 | Richmond Office | Chesterfield, Powhatan Counties |
| Area 7 | Petersburg Office | Dinwiddie, Nottaway, Amelia Counties |

Public Safety - South East continued

| | | |
|---|---|---|
| Area 8 | Chester Office | Richmond-Petersburg Turnpike |
| | | KIC-365 Channel 2: |
| Area 2 | Warsaw Office | Lancaster, Northumberland, Essex Richmond, Westmoreland Counties |
| Area 3 | West Point Office | Charles City, New Kent, King William. King, Queen Counties |
| Area 44 | Port Royal Office | Caroline, King George Counties |
| Division 2 | Culpepper Headquarters | KIC367 Channel 3: |
| Area 5 | Fredericksburg Office | Stafford, Spotsylvania Counties |
| Area 12 | Warrenton Office | Faquier, Rappahannock Counties |
| Area 13 | Winchester Office | Clark, Frederick, Warren Counties |
| Area 14 | Luray Office | Page, Shenendoah Counties |
| Area 15 | Culpepper Office | Culpepper, Orange, Madison Counties |
| Division 3 | Appomattox Headquarters | KIB701 Channel 5: |
| Area 20 | Lynchburg Office | Amherst, Campbell Counties |
| Area 21 | Appomattox Office | Appomattox, Prince Edward, Charlotte |
| Area 22 | South Hill Office | Ludenburg, Mecklenburg Counties |
| Area 23 | South Boston Office | Halifax County |
| | | KIB701 Channel 6: |
| Area 16 | Harrisonburg Office | Rockingham County |
| Area 17 | Staunton Office | Augusta County |
| Area 18 | Charlottesville Office | Albermarle, Nelson, Greene Counties |
| Area 19 | Buckingham Office | Buckingham, Cumberland, Fluvanna |
| Division 4 | Wytheville Headquarters | KIC368 Channel 7: |
| Area 24 | Pulaski Office | Pulaski, Bland, Giles Counties |
| Area 25 | Galax Office | Carroll, Grayson Counties |
| Area 26 | Wytheville Office | Smyth, Wythe Counties |
| | | KIC368 Channel 8: |
| Area 27 | Bristol Office | Washington, Scott Counties |
| Area 28 | Claypool Hill Office | Tazwell, Russel Counties |
| Area 29 | Vansant Office | Dickenson, Buchanan Counties |
| Area 30 | Norton Office | Wise, Lee Counties |
| Division 5 | Chesapeake Headquarters | KIC410 Channel 9: |
| Area 32 | Chesapeake Office | Cities of Chesapeake, Va Beach, Norfolk, Portsmouth |
| Area 33 | Gloucester Office | Gloucester, Middlesex, Matthews |
| Area 37 | Williamsburg Office | James City, York Counties |
| | | Cities of Hampton, Newport News and Williamsburg |
| | | KIC410 Channel 10: |
| Area 34 | Franklin Office | Isle of Wight, Southampton Counties |
| | | City of Suffolk |
| Area 35 | Emporia Office | Greenville, Brunswick Counties |
| Area 36 | Waverly Office | Sussex, Surry, Prince George Counties |
| | | City of Hopewell |
| | Melfa Dispatcher | KIC825 Channel 13: |
| Area 31 | Melfa Office | Accomac, Northampton Counties |
| Division 6 | Salem Headquarters | KID667 Channel 11: |
| Area 40 | Salem Office | Montgomery, Craig, Roanoke Counties |
| Area 41 | Bedford Office | Bedford, Franklin Counties |
| Area 42 | Martinsville Office | Henry, Patrick, Floyd Counties |
| Area 43 | Danville Office | Pittsylvania County |
| | | KID667 Channel 12: |
| Area 38 | Clifton Forge Office | Alleghany, Bath, Highland Counties |
| Area 39 | Lexington Office | Botetourt, Rockbridge Counties |
| Division 7 | Fairfax Headquarters | KNAA586/KIC367 Channel 4: |
| Area 9 | Fairfax Office | Fairfax Co; City of Alexandria |
| Area 10 | Leesburg Office | Loudon County |
| Area 11 | Independent Hill Office | Prince William County |
| Area 45 | Arlington Office | Arlington County |

Noted Changes: Since 1979 VSP coverage there have been several changes. There are now 7 Divisions. Loudon County moved into Channel 4 zone of Division 7. Spotsylvania County moved from Division 1 to Division 2.

## VIRGINIA STATE POLICE RADIO CODES

General 10 Codes:

| | | | |
|---|---|---|---|
| 10-1 | Signal weak | 10-21 | Call ( ) by telehone |
| 10-2 | Signal good | 10-22 | Disregard |
| 10-3 | Stop transmitting | 10-23 | On scene |
| 10-4 | Affirmative, OKAY | 10-24 | Assignment completed |
| 10-5 | Relay to ( ) | 10-25 | Report to ( ); Meet ( ) |
| 10-6 | Busy | 10-26 | Estimated time of arrival ( ) |
| 10-7 | Out of service | 10-27 | License, Permit information |
| 10-8 | In service | 10-28 | Ownership information |
| 10-9 | Say again | 10-29 | Records check |
| 10-10 | Negative | 10-30 | Danger / Use caution |
| 10-11 | ( ) on duty | 10-31 | Pickup ( ) |
| 10-12 | Standby (stop) | 10-32 | ( ) units needed |
| 10-13 | Existing conditions | 10-33 | Help me QUICK! |
| 10-14 | Message / Information | 10-34 | Time |
| 10-15 | Message delivered | 10-35 | (reserved for future use) |
| 10-16 | Reply to message | 10-36 | (reserved for future use) |
| 10-17 | Enroute | 10-37 | (reserved for future use) |
| 10-18 | Urgent | 10-38 | (reserved for future use) |
| 10-19 | (In) Contact | 10-39 | (reserved for future use) |
| 10-20 | Location | 10-40 | (reserved for future use) |

State Police Aural Brevity Code (Not to be used with other agencies.):

| | | | |
|---|---|---|---|
| 10-40 | Bomb threat | 10-50 | Accident (Fatal, Injuries, PDamage) |
| 10-41 | Beginning tour of duty | 10-51 | Wrecker needed |
| 10-42 | Ending tour of duty | 10-52 | Ambulance needed |
| 10-43 | Suspicious vehicle | 10-53 | Road blocked at ( ) |
| 10-44 | Suspicious person | 10-54 | Livestock on highway |
| 10-45 | Stopping suspicious vehicle | 10-55 | Intoxicated driver |
| 10-46 | Disabled vehicle | 10-56 | Intoxicated pedestrian |
| 10-47 | Chase in progress! | 10-57 | Hit & run (F, I, PD) |
| 10-48 | Wanted indicated | 10-58 | Direct traffic at ( ) |
| 10-49 | (reserved for future use) | | |

State Police Signal Code (Not to be used with other agencies.):

| | |
|---|---|
| Signal 2 | Contact HQ by teletype. |
| Signal 2-I | Contact HQ by teletype NOW. |
| Signal 13 | Officer or trooper needs help - GO! |
| Signal 13-I | Trouble at station. Units in area GO! Use caution! |
| Signal 16 | Radar |
| Signal 17 | Checking detail |
| Signal 18 | Plane crash |
| Signal 21 | Transmit FCC call letters and unit number. |
| Signal 22 | How is reception? |
| Signal 25 | Request mobile relay |
| Signal 26 | Cancel mobile relay |
| Signal 31 | Switch to surveillance channel |
| Signal 52-20 | Subjuct likely to flee jurisdiction of the Commonwealth. |

(Editors Note: My sincere appreciation to Allen, VA-???, for his excellent assistance with this special article on the Virginia State Police! We could not have done it without his help! Allen is a new member to RCMA, and has been most helpful since becoming a member! Our thanks!!)

(VA State Police maps begin on next page)

## FROM THE CAPTAIN'S DESK

As you can tell, my space for this month is gone, so this is going to be short. I wish to thank all those who sent in updates and contributions this month. Since my space is gone for this month, these will appear next month. All are appreciated and will be printed, most certainly!

Last month, we covered the North Carolina State Highway Patrol in detail. This month, with the help of Allen, (VA-???), we have given you the best coverage of the Virginia State Police ever printed, complete with maps. We need to update the South Carolina Highway Patrol, the Georgia State Patrol, the West Virginia State Police and Florida Highway Patrol. If any of you can obtain maps, copies of user manuals and so on, please do and send them in as soon as you can. I will update these departments as soon as the material reaches me. It would also be nice to have data on Game, Forestry, and DOT state networks. Please help!

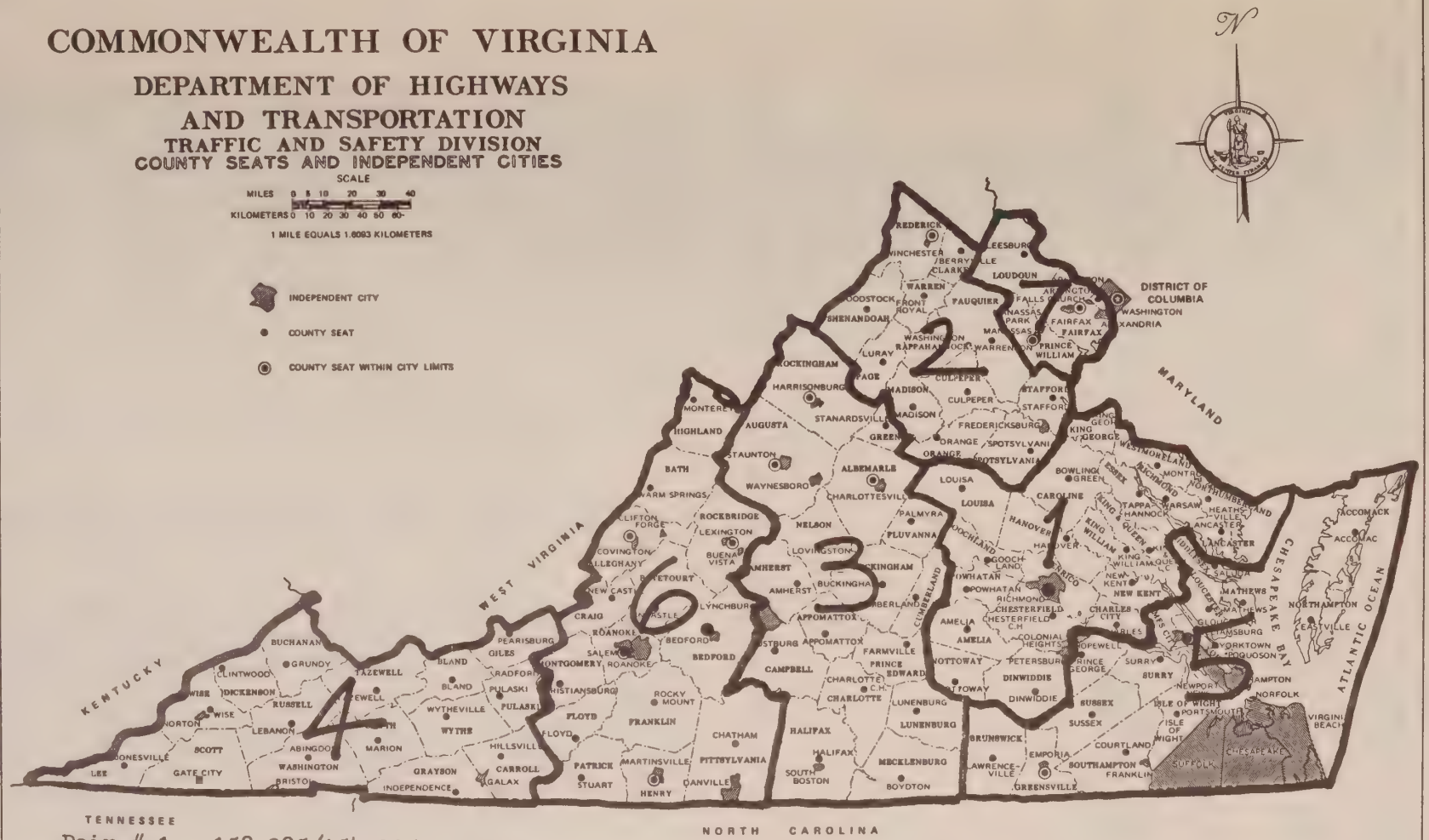
From the Captain's Desk continued on page 40.

# COMMONWEALTH OF VIRGINIA

## DEPARTMENT OF HIGHWAYS AND TRANSPORTATION

### TRAFFIC AND SAFETY DIVISION

### COUNTY SEATS AND INDEPENDENT CITIES




Pair # 1 - 158.985/154.905
# 2 - 159.000/154.935
# 3 - 159.135/155.460
# 4 - 159.165/155.445

Pairs are numbered for purposes of reading this map and do not reflect actual channel numbers.

#1

VA. STATE POLICE - DIVISIONS

REV JAN 1983
T & S-17MC
DR NO TA 1418C

# COMMONWEALTH OF VIRGINIA

## DEPARTMENT OF HIGHWAYS AND TRANSPORTATION

### TRAFFIC AND SAFETY DIVISION

### COUNTY SEATS AND INDEPENDENT CITIES

SCALE

MILES 0 5 10 20 30 40

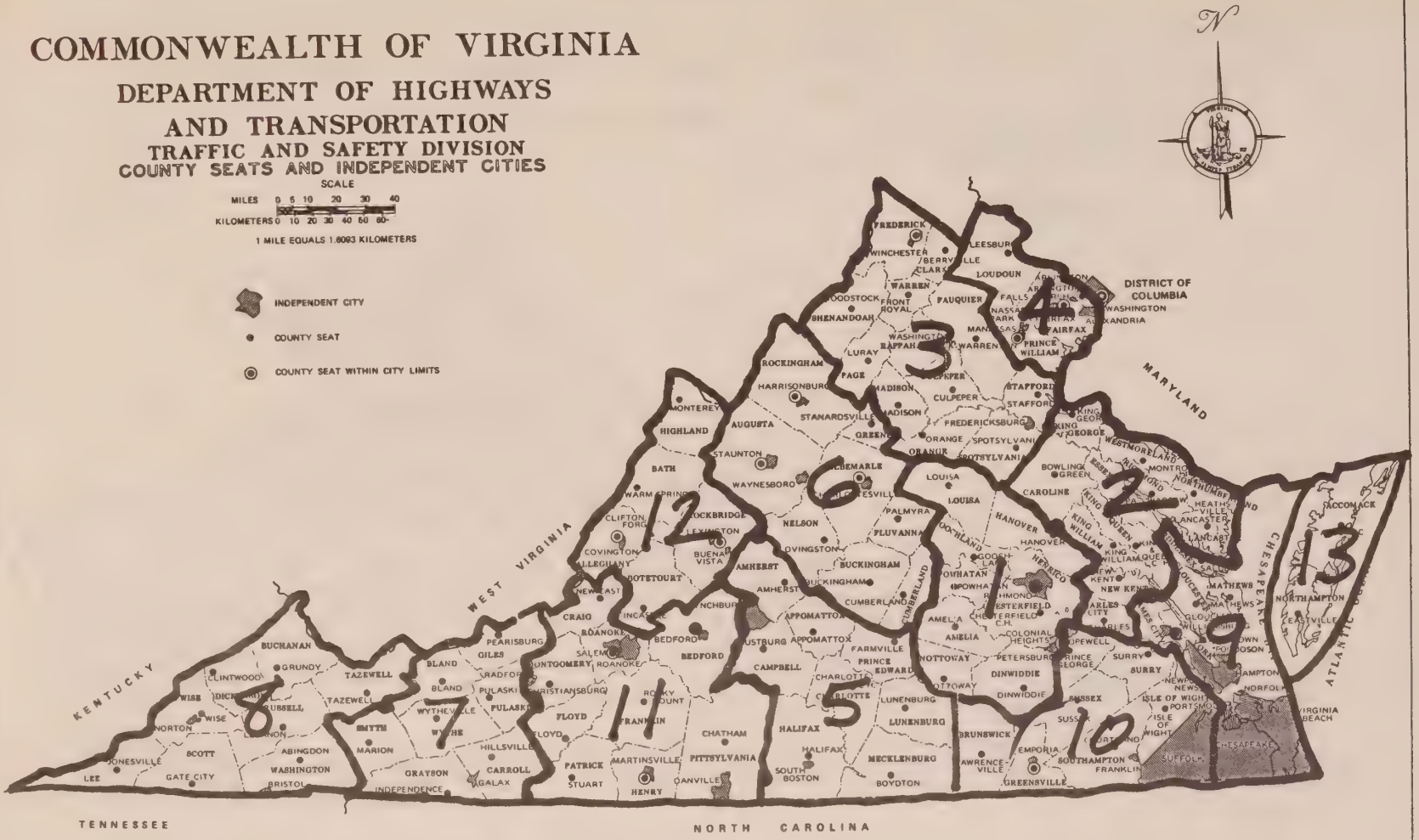
KILOMETERS 0 10 20 30 40 50 60

1 MILE EQUALS 1.6093 KILOMETERS

INDEPENDENT CITY

COUNTY SEAT

COUNTY SEAT WITHIN CITY LIMITS




Frequency Pairs: 159.000/154.935 Ch.1,7,12,13

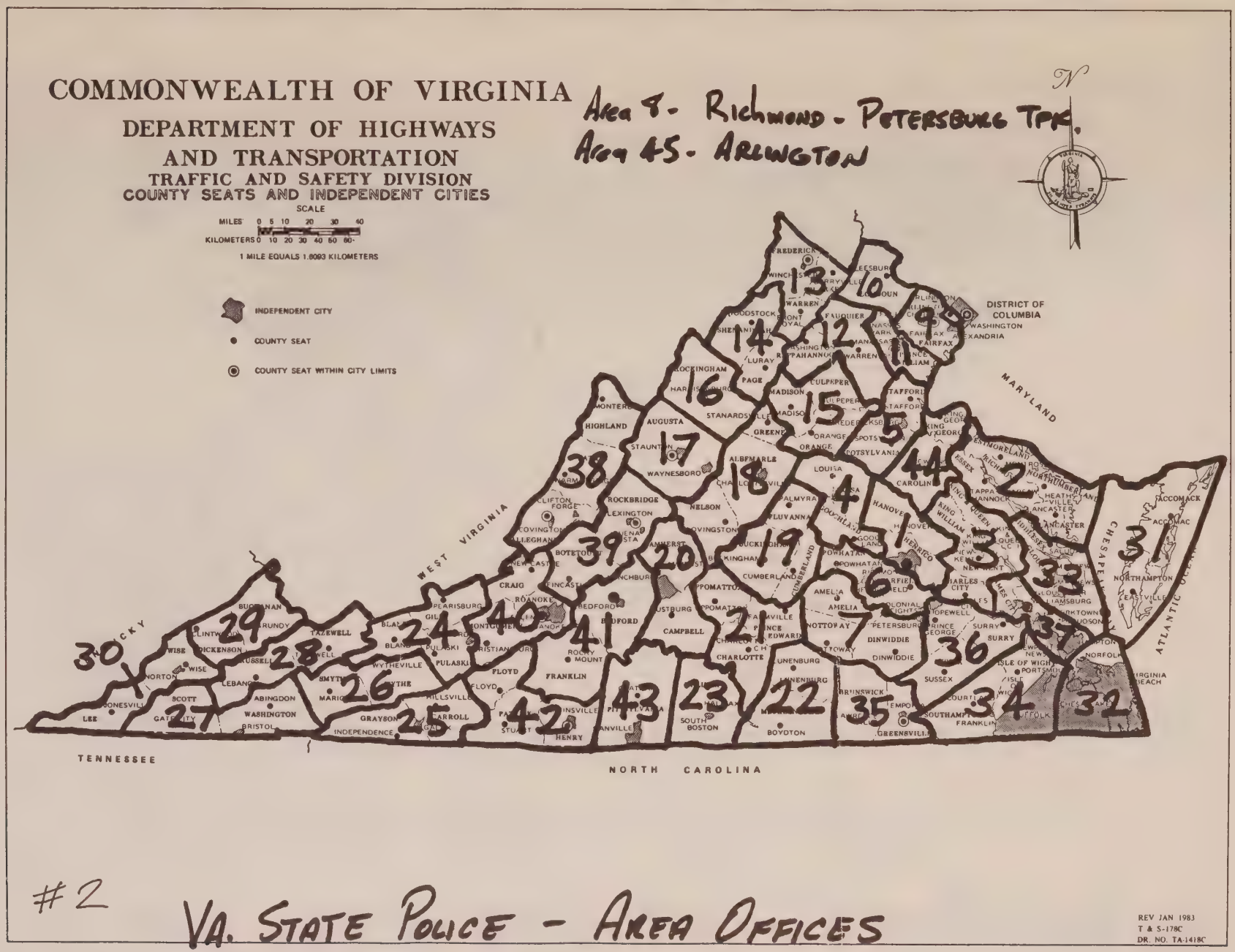
158.985/154.905 Ch.2,11

159.135/155.460 Ch.4,6,10

159.165/155.445 Ch.3,5,8,9

VA. STATE POLICE - CONFIRMED CHANNEL ZONES 5/84

REV JAN 1983
T & S-178C
DR. NO. TA-1418C


COMMONWEALTH OF VIRGINIA
DEPARTMENT OF HIGHWAYS
AND TRANSPORTATION
TRAFFIC AND SAFETY DIVISION
COUNTY SEATS AND INDEPENDENT CITIES
SCALE
MILES 0 5 10 20 30 40
KILOMETERS 0 10 20 30 40 50 60
1 MILE EQUALS 1.6093 KILOMETERS
INDEPENDENT CITY
COUNTY SEAT
COUNTY SEAT WITHIN CITY LIMITS
Area 9 - Richmond - Petersburg Tpk.
Area 45 - Arlington
N
DISTRICT OF COLUMBIA
WASHINGTON
ALEXANDRIA
MARYLAND
WEST VIRGINIA
TENNESSEE
NORTH CAROLINA
ATLANTIC OCEAN
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44
REV JAN 1983
T & S-178C
DR. NO. TA-1418C

#2

VA. State Police - Area Offices

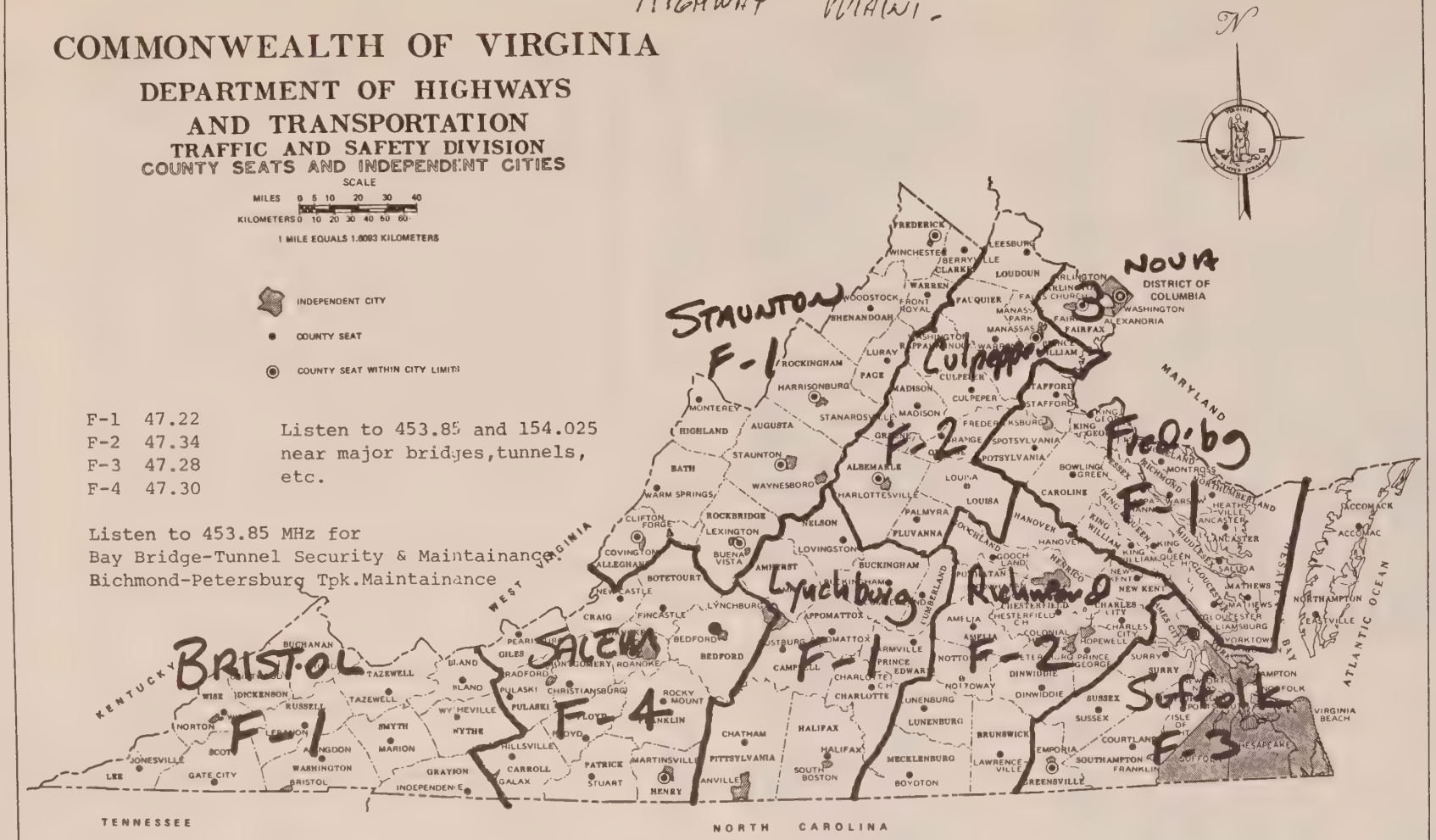
Highway Maint.

# COMMONWEALTH OF VIRGINIA

## DEPARTMENT OF HIGHWAYS AND TRANSPORTATION

### TRAFFIC AND SAFETY DIVISION

### COUNTY SEATS AND INDEPENDENT CITIES




| | |
|---|---|
| F-1 | 47.22 |
| F-2 | 47.34 |
| F-3 | 47.28 |
| F-4 | 47.30 |

Listen to 453.85 and 154.025 near major bridges,tunnels, etc.

Listen to 453.85 MHz for
Bay Bridge-Tunnel Security & Maintainance
Bichmond-Petersburg Tpk.Maintainance

Note- Individual Area hQ's ID by their name.Location designators given on this map indicate location of district HQ.

VA. Highway Dept. 47 MHz Channel MAP

RPV JAN 1983
T & S-17MC
DR NO. TA 14IM

**Upcoming Radio Shows:**

| | |
|---|---|
| **August 4 & 5:*:** | **Hamfest, Jacksonville FL** |
| **August 5:** | **SVARC Hamfest (Winchester) Berryville, VA** |
| **August 18 & 19:** | **Hamfest, Huntsville AL** |
| **August 26:** | **Hamfest, Bluefield WVA** |
| **August 26*:** | **Hamfest, Cedars of Lebanon Park, TN** |
| **August 26*:** | **Confederate Signal Corps Hamfest, Madison GA** |
| **August 26*:** | **Hamfest, Morgantown WVA** |
| **August 25 & 26*:** | **Central Alabama Hamfest, Montgomery AL** |
| **September 1 & 2:** | **SERA Hamfest, Fairgrounds, Shelby NC** |

**(This is a BIG one! Usually lots of monitors for sale!! Worth the trip!)**

*** Indicates date not confirmed as of this printing, and date is based on last year's event. I suggest that you monitor the local ham repeaters for information and direction comments. Our thanks to the Southeastern Repeater Association and the Repeater Journal for this information.**

**This column is the result of a single RCMA member this month. It just goes to show what can be contributed if the effort is extended. I hope to hear from all of you before long! Your help is needed to make this and other columns sucessful and interesting! 73s!! Bill (WG4R)**

WELCOME TO THE AUGUST 1984 ISSUE OF RCMA PUBLIC SAFETY-CALIFORNIA

By the time you are reading this, the 1984 Summer Olympic Games in Los Angeles should be upon us. I am assuming that all of you have at least 3 or more Bearcat 250's and at least 2 or more NEW Regency MX-5000 scanners with which to monitor all of this summer's activities. What do you mean, you don't have 5 programmable scanners at home and in the car?! I'm ashamed of you! Go out and get another! Call Bob at B & B Sales (714 842-3034) he'll set you up with a Regency MX-5000 for under $400. You might also try Communications Center of Anaheim and other places. Time's a running out!

The RCMA PS-CA mailbag has been full of mail re the Summer Olympic Games. Here, for your enjoyment and reading is a synopsis of what we have received up to 10 June 84 (cut off date for this issue). (Also check June & July issues for further info).

From DON (CA-LA-Future Member) and JIM (CA-LA-219):

From Reliable Sources, two Olympic-Related frequencies to possibly monitor:

500.7875 PRESS RELATED
501.7875 SECURITY RELATED (Referred to as SECURITY # 1)

SPECULATION: The Security freq above could be related to Press Security or Security for concessions, etc..

From HUGH (CA-LA-472):

STOP THE PRESSES!!

| | | | |
|---|---|---|---|
| 471.1625 MHz. | | ABC-TV Olympic Preparation | "TV Base" |
| 463.600 | | ABC-TV Paging | KFY499 |
| 929.7875 | (!) | LA Olympic Org. Committee Paging | KNEE 813-818 |
| 506.6625 | | Santa Monica Bus Co. | KZD414 |
| | | (Transportation by contract at UCLA Olympic Village) | |

**Public Safety - California continued**

In addition, several hundred brand new Motorola HT's are now in use by LAOOC, etc., all over L.A. Motorola is an official sponsor of the LA Olympics. Freq. is UHF - somewhere!

MORE FROM HUGHO!! (Our RCMA Photo Editor)

Everything that I know about the Olympics:

1. U.S. Olympic Team training frequencies 462.625 R & Simplex (GMRS) in use now in Colorado and Northern California
2. LAOOC (LA Olympic Org. Committee) Security uses VHF-Hi - probably in 151 MHz. region
3. Unused TV channels # 16 (482-488 MHz.) and 19 (500-506 MHz) are to be used for logistics by ABC-TV and LAOOC, respectively. After the Games, LASO (Los Angeles Sheriff)/SDC will seek use of ch. 19 for a new LASO radio system. Olympic logistics are the largest and quickest mobilization of resources in the U.S. since World War II. (LA Times)
4. Local amateur radio groups will do HF traffic/phone patching from the 3 Olympic villages (UCLA, USC, UCSB- 10 miles north of Santa Barbara). Application deadline has already passed (yes, I applied). Only 30 people per village will be used due to security considerations. "Out of stadium" communications will use a lot more people, mostly on 2 meter FM (144-148 MHz). In addition, LAPD is seeking a few ride-a-longs. Frequencies have not been divulged due to security and problems with jammers, etc. However, expect usual ones to be used. There will be a lot of them. Also, some major repeater link-ups are possible - one scheme would link Santa Barbara (Rowing & canoeing) with L.A. & San Diego (modern pentathlon & some equestrian). Jammers will be come down upon very hard by the FCC. Prison terms are NOT out of the question! Amateur Radio Contacts:

   | | | |
   |---|---|---|
   | Dick Mannheimer | K6LAE | Olympic Villages |
   | Tom Rothwell | K6ZT | Out-of-stadium |

5. The Olympic Torch Relay, which will end up at the Coliseum, is being handled by Telco employees & their "telephone pioneers of America" group. 2 Meter FM, mostly simplex, plus CB backup. This relay goes through half of the States in the U.S.
6. Every agency you can imagine will be aiding with Olympic Security, using their own regular frequencies. Some financial aid will come from LAOOC, and this is one reason tickets are expensive ($200 top). Under recent agreement, FBI & the military will take over if terrorism, etc. is involved and a clear threat to National Security is present.
7. DOD may loan 30 helicopters to LAPD & other agencies (thus tripling their present air fleet). (LA Times)
8. Telco has installed LA's first fiber optics network to carry data between sites and press rooms. 1700 terminals and 14 mainframe computers will be used, plus 3000 printers! After the Games, the fiber optics will be used for phone co. customers.
9. A Motorola wide-area paging system has been installed specially for the Games. This may be the mysterious 920 MHz. listing in the FCC microfiche for "Los Angeles Olympic".
10. Expect foreign countries, notably Israel (since Russia isn't coming, I think we can count her out! ed.) to use their own regular radios on NON-FCC allocated frequencies on a non-interference basis. FCC will monitor closely. Use your search mode and out-of-band programming to find these frequencies. These will be the BEST catches.
11. Free traffic movement in L.A. (movement?! ed.) will be impossible from July on. At this, we are getting off easier than in Moscow (where people were simply barred from the city, or had to move out for the summer) or Sarajevo (where private automobiles were banned altogether). Communist countries do things quite a bit differently! In the U.S., we put up with the necessary inconvenience and listen to our scanners!

Examples:

A. A double security-perimeter fence w/barbed wire clear across the UCLA campus (a bit unsettling to us old Bruins, but VERY necessary.) Expect UCLA's dormitory hill to become an antenna farm. Expect the whole Westwood area to become a maze. And you thought parking was hard now!

B. Closure of major streets around USC. Check the news media before heading downtown, or ride the bus.

C. Closure of freeway off-ramps near USC, plus the S/R 134 east bound off-ramp to Orange Grove Blvd. (Rose Bowl security) and the Ojai freeway off-ramps at Casitas Vista.

D. Some bus lanes, etc., on major streets. Figueroa will be one way only from July on.

12. Some good frequencies you won't find in the guides:

| | |
|---|---|
| 122.75 AM | - Continuous air to air chatter by LAPD, LA Sheriff, CHP, Pasadena PD, Anaheim PD, and other helicopter pilots, letting you know where they're working and what they see. |
| 123.025 AM | - Alternate to 122.75 AM |
| 155.34 | - "HEAR 1" Hospital Net. If the worst happens, here's where you get the body count. |
| 33.60 | - LA City Fire Dept. Public Info & Code 20 (Press info) |
| 42.34 | - CHP Blue (Traffic SigAlerts, etc.) (42.18 M) (May also be used for dignitary escorts, etc.) |
| 161.64 & 161.70 | - ABC-TV Sports link to Goodyear Blimp - Camera directions (Blimp is on 132.00 AM) |
| 462.675 R | - GMRS "Traffic Watch" in Long Beach & Orange Co. (Frequency used by CB REACT teams) |
| 26.39 | - ABC-TV cueing. Ch. 7 TV audio (Listen here to hear sports coverage if you're at an event or in traffic) |
| 146.82 R | - Amateur Radio (EARS) Emergency radio traffic & other information passes on this freq. (Motorists with 2 Meter ham can use this freq. to obtain CHP assistance, etc. |
| 7255 KHz. | Amateur Radio (WESCARS) Some emergency traffic |

13. Some businesses to try monitoring:

ARA - Official transportation & food services (unk freq)
20th Century Fox - Official film. 152 & 173 MHz. plus 30.96 MHz.
Tommy Walker - In charge of opening and closing ceremonies 464.550
Various escort services ("Rent-a-cops") 154.54 (So. Bay) 461.150
Radio rental services - monitor rented radios on various VHF channels including: 173.225, 173.275, 173.325, 173.375, plus 151 band and 464 band. (Rented HT's will be everywhere, not just movie crews using 173 MHz.)

14. Amateur Radio Communications - 4 Basic forms of Support

1. Commemorative stations at 3 Olympic Villages, on HF frequencies. Mostly routine traffic & phone patching for athletes. (Gee, Mom - I won!)
2. Worldwide message traffic relay by "home" stations. This is pending FCC grant for a blanket, temporary, 3rd party authorization.
3. "Out-of-stadium support for events, logistics, etc.
4. LAPD, etc. have been recruiting & training hams to ride-a-long with them. In fact, LAPD West L.A. Division is heavy into this.

Suggested Amateur Radio frequencies to monitor--ERIC (CA-LA-045)

| | |
|---|---|
| 146.82 R | General large area coverage repeater (So. California) Emergency calls & motorist assistance |
| 147.21 S | Possibly used by hams at Olympic villages (also repeat) |
| 147.27 R | LA Sheriff RACES frequency |
| 145.30 R | LA Sheriff RACES frequency |
| 147.00 R | Has been used for disasters (floods, etc.) in past |
| 146.895 R | Orange County RACES frequency |

Also plan to search 445 to 450 MHz. UHF ham band. Some telephone autopatching and other communications may be heard on these freqs. 145.26 R and 147.765 R are listed as "RACES" freqs. in ham freq. guide. RACES is Radio Amateur Civil Emergency Service. For those

of you who can monitor, 52.525 MHz. (R) may also be used. 146.46 S is a common channel to many 440 MHz. ham remote base systems and may be good listening. Keep those scanners searching! ed.
If you have low band HF gear, check the traffic nets; start with 7255 KHz. & go from there. Also try 224.30 R - LA Sheriff RACES.

---

Still more from Hugh!

Who sent in that list of L.A. broadcast news fqs.? I hafta admire his courage for trying to make order out of an utterly chaotic situation. With all the expired licenses (FCC microfiche is useless) plus the switch to split channels (not even in the BC 250 algorithm), this band defeats all who attempt to nail down who is using what this week. Quite a few of these fqs just don't agree with what's heard in West L.A..

Why does KHJ-TV (455.0875S) always come out as "KMJ" on these lists? An attempt at "coding", perhaps? Actually, "coding" is not really necessary, since every honestly arrived at list is different anyway.

450.250 is KNBC microwave lineup. KNBC uses more channels then I can keep up with, seemingly at random sometimes. It's also KFMB radio in San Diego. A plane hit a Sav-On sign there last year, and I heard the remote feed. I also heard KTLA CH. 5 last year during a live feed to Cable News Network of LAPD Swat busting into the house of the school sniper. I'm pretty sure KTLA uses the fq for base/mobile comm and simplex on scene, but KTLA doesn't use their radios as much as the big stns.

455.950 might have been KABC radio at one time, since they were the first to use the Metro Traffic Control, but it's all Metro now. Callsign is KPE 731. It's used for live downlinking from traffic observers in aircraft and mobile units. Woe betide anybody from another agency who talks during one of these. Code for standby is "frequency green". Also note "KNX News Base" (KEH 297) when Bill Keene is talking to Donna or Stacey in the air units.

KABC radio just doesn't do much live stuff anymore, except from Dodger Stadium where a lot is hard-wired. They do have some low-power wireless mikes on wideband 450.100 and 450.650 simplex, and these double as HT's. I've seen them. Hell, I've talked on them.

450.850 Is KFWB, and was the best fq in L.A. until the station cut back on live feeds last month. Now it's dead, dead, dead - as is a lot of KFWB's coverage. Bad decision. KNX (450.7) is the one to listen to now.

450.0875 may very well be KNX Newsradio 1070, but the only activity I've ever heard on the channel was announcer cueing for CBS TV during the USC - Notre Dame football game. Simplex.

Note that KNXT is now KCBS-TV, not to be confused with KCBS, a San Francisco news station audible all up & down the coast.

455.3125 Does KPOL even exist anymore? Isn't it a disco stn now? I think I heard KCOP Ch. 13 here once. I might have been hallucinating though. KCOP's news "dept" is about 4 people permanently exiled to one itty bitty office in the Redd Foxx Building (off the lot - humiliation!). They rarely do any comm that can't be handled by shouting. KCOP news is mostly satellite feeds. Only new piece of eqpt on the lot is the earth stn. This may well be the future of all local TV.

455.650 The only accurate listing in FCC microfiche for the whole BA service is L.A. Network on this fq, and this guy didn't even print it. Use is like Metro - live downlinking from mobiles. Base stn is in Hollywierd somewhere.

I didn't know KPFK even had any radios, let alone a rptr and a license and everything. I'll ask my ham buddy who works there. They had a parking lot once, too, but there's a 30' dish there now.

450.2125 I used to think that KTLA was the only user of this fq too. Led to beaucoups confusion, since somebody sure has a busy assignment desk on this one. Then a tree fell on one of the cameramen's cars during the big storms last yr. (Parking is scarce at these places). Imagine the flap on the 2-way when the guy saw his own car creamed on the air monitor, as shot by another crew just leaving the stn. Imagine my own consternation when the address was given as 5515 Melrose - the address of KHJ-TV CH. 9. So it's their fq, or at least was last week. These stns recrystal faster then a botched CIA operation.

Some L.A. listener (I refuse to call him a "monitor", which is a type of radio, or a sunken Civil War battleship, or an outlawed device for hydraulic gold mining, or a nerd who erases blackboards) should do us all a real service and concentrate on the new outfits instead of trying to keep up with the old ones. Does KMEX have any radios? These guys started in back of Oblath's (the much-maligned restaurant by the Paramount Studios gate) and now have taken over half the street. No frequencies. Ditto Armed Forces Radio & TV Service in Hollywierd, with enough earth stns to remake Star Wars. No frequencies.

A broadcast listing that does not include the NBC "Network Desk" (KES 328, 728) on 161.760 is not a broadcast listing.

Many's a time I've taken the trusty BC 250 to the scene of a big news story, in an attempt to nail down all the rptr input fqs. This is not always an effective procedure. Everybody transmits at once, and the IMD has to be heard to be believed. Worse is that strong sigs seem to pop up all over the band, almost at random, without the sort of mathematical precision one would expect from images. I have a theory on why this happens. All these ENG vans have Bearcat scanners in them, sometimes four or five of them, and invariably on the UHF band, including their own and (let's be honest) their competitors' fqs. When someone transmits, these scanners all lock up and overload horrendously, and all the 10.8 IF strips become mini-repeaters in themselves, putting the strongest news signal (capture ratio) right into my own BC 250 without benefit of front end circuitry. Said BC 250 then locks up, and... ... and demodulates the interference instead of the real thing. This sure happens at home when radios are put close together, and is one reason I sold my BC 160. Could this be a cause of some of the hallucinations that tend to pop up in all these lists, mine included?

The electronic circus that surrounds even a minor news event these days is a thing to behold, as all peace officers undoubtedly know only too well. The TV guys often outnumber the people being covered, and often put on a better show. It's not fair to say that TV news isn't really journalism, but one could make a good case that it's journalism gone astray.

Best line in "Hill St. Blues" last nite - judge Al Wachtell hits the scene of a hostage situation wearing a ridiculous leisure outfit and tells Frank Furillo "I heard it all on my Bearcat and came right over".

One last thing from HUGH: Seen N/B Hollywood FWY, # 2 lane, just south of Barham off-ramp. Mid 70-s black Cadillac Fleetwood with California personalized plate "TAC ONE" (Ok, who's the lucky guy?! ed)

**********

Oh yeah, before I forget, your editor is 10-8 again on 153.74 MHz. KLK542 at California State University, Long Beach Police Department

---

I heard a good one on the local 220 MHz. ham repeater. "Be careful, you definitely don't want to get a QSL card from the black and white."

**********

From ERIC (CA-LA-045):

Who do I listen to at the various Game sites? Well, here's a start.

OPENING & CLOSING CEREMONIES, Track & Field
Held at L.A. Coliseum - adjacent to USC Campus (Parks/Rec 453.900)
LAPD South West Division 506.9875 R (507.0375 R Tactical)
LA City Fire 33.70 MHz. CHP Central 42.46 B/42.70 M (Black)

BOXING - Held at L.A. Sports Arena (same as above)

BASKETBALL - Held at The Forum, Inglewood
Inglewood PD 460.150 R, 460.275 S.; Fire 154.175 Ambulance 155.22

CHP So. LA 42.56B/42.72M (White); CHP W.LA 42.44B/42.76M (Pink); Forum Security (unk) (Try business band)

SWIMMING - Held on USC Campus (see above) USC Security 464.375,525,675

CYCLING - Held at California State University, Dominguez Hills (Carson)
CSUDH Univ. Police 153.74 MHz.; Carson LASO 39.203/39.66M, 39.48 C/C, 39.60 C/H, etc. LA County Fire 154.43; CHP So. LA 42.56B/42.72M

HANDBALL - Held at California State University, Fullerton
CSUF Police 153.74 MHz.; Fullerton PD 460.100, 460.150 C/C; Fire 46.32
CHP Santa Ana 42.40B/42.16M; CSUF 151.715, 152.48; local govt. 470.362

WRESTLING - Held at Anaheim Convention Center
Anaheim PD 460.050 R, 460.150 S C/C; Fire 46.26; CHP Santa Ana 42.40B/42.16M; Disneyland Security 464.4625; Convention Center Security 453.950; Anaheim local govt. 45.44; PD reserves 46.00 MHz.; PD 460.400

GYMNASTICS & TENNIS - Held on UCLA Campus
UCLA Police 155.445, 505, 475 MHz.; LAPD W.LA Division 506.7625 R; LAPD Tac 506.8125 R; LA Fire 33.70, 33.82 (Valley); city street maintenance 33.06, 33.03 (Valley); Goodhew Ambulance 46.04; LA City local govt. 153.800; other ambulances 46.00, 47.58, 47.66, 155.16
LAPD Tac One 154.83, LAPD (poss traffic) 158.865; UCLA Parking 46.56; UCLA misc 152.48, 154.60, 462.80, 463.375, 464.575 MHz, 453.3 UCLA.

WATERPOLO - Held at Pepperdine University Campus, Malibu
Campus Security 154.515, 154.54; Malibu LA Sheriff 39.703/39.24 39.48 C/C, 39.60 C/H; CHP Malibu 42.443/42.76M; LA Co Fire 154.40
Malibu Ambulance 33.08

HOCKEY - Held at East Los Angeles College, E. L.A.
E.L.A. Sheriff 39.76B/39.30; LA Co Fire 154.43; CHP E.L.A. 42.52/42.30
Community College Security 154.515, 154.625.

BASEBALL - Held at Dodger Stadium, Elysian Park, Los Angeles
Dodger Stadium 151.715, 154.57; Dodgers Team 151.745; LA City FD 33.70
LAPD Rampart Street Division 506.9375 R, Tac 506.5875 R; CHP Central LA 42.46B/42.70M; CHP Glendale 42.50B/42.82M; Park Rangers 153.80,.92

WEIGHTLIFTING - Held at Loyola Marymount University, Westchester

University Campus Security 151.655, 43.00; LAPD W.L.A. Division 506.7625 R, LAPD Wilshire/Pacific 506.9625 R; LAPD Tac 506.8125 R; LA City Fire 33.70; CHP W.L.A. 42.443/42.76M (Pink)

SHOOTING - Held at Prado Recreation area, Chino

Chino Police 155.04, 155.805, 154.86; Chino Fire 154.025; L/G 155.145; San Bernardino Sheriff 155.91, 155.97, 154.92; County roads 159.12, 156.06; Local govt 155.115 R; Medical net 155.40; CDF 151.445 R (Prado Stn. 47); CHP Ontario 42.88B/42.66M; CHP San Bernardino 42.60B/42.74M; Parks & Rec. 44.72; State Prisons 39.10, 153.755
Fish & Game 151.43 R; SB Sheriff (HT's) 154.845, 155.55; Misc 155.175

PENTATHALON - Held at Coto De Caza, Trabucco Canyon and Heritage Park, Irvine

Irvine Police 460.600 R; Orange County Sheriff 460.425 R; Orange County Fire 46.14; law enforcement tactical: 460.150 S (White), 460.200 R (Orange South), 460.500 R (Blue), 460.025 R (Red-Emergency) County Roads 151.085; Local govt. 153.92; Paramedic coordination 462.950 R; Cleveland USFS 168.750 R; CHP Santa Ana 42.40B/42.16M; CHP Capistrano 42.48B/42.68M; CHP Extenders 154.905; Audubon 461.750

EQUESTRIAN - Held at Santa Anita Race Track, Arcadia and Fairbanks Ranch, San Diego County

Arcadia Police 507.0625 R, 506.5625 R; Arcadia Fire 154.37, 153.83; Arcadia/Monrovia Ambulance 47.62; CHP Baldwin Park 42.88B/42.66M Santa Anita Shopping Mall 464.525; Arcadia L/G 155.880; San Diego Sheriff (North Coast) 453.750 R, (North Inland) 453.925 R; Tactical 453.425; SD County Fire 154.235, 154.385, 154.175; County Roads 156.12, 156.165, 156.225; Local Govt 155.82, 155.94; Civil Defense 37.98; Life Flight Helicopters 462.975 R; State Parks & Rec 44.68; Law Enforcement intersystem 453.675 R; CHP Oceanside 42.12B/42.20M; CHP San Diego 42.88B/42.66M

FOOTBALL (SOCCER) - Held at Rose Bowl, Pasadena

Pasadena Police 506.4625 R, 506.6875 R; Fire 153.89, 46.10, 154.2035, 153.77, 153.83; Police Explorers 155.955; Medevac Ambulance 46.00; Ranger Security 151.805; Local Govt 158.82, 458.950 (HT), 453.950 CHP Glendale 42.50B/42.82M, CHP Central LA 42.46B/42.70M; LA Sheriff (Altadena Station) 39.54B/39.26M; new freq for Pasadena Police (after Olympics) 504.5375 R; Amer. Red Cross 47.42

JUDO - Held at California State University, Los Angeles

CSULA Police 153.74, 154.54; LAPD Hollenbeck Division 507.1875 R, LAPD Tac 506.5875 R; Alhambra Police 471.1375 R, 471.0125 R; East L.A. Sheriff (LASO) 39.76B/39.30M; LA City Fire 33.70; CHP East Los Angeles 42.52B/42.30M

ROWING AND CANOEING - Held at Lake Casitas, Ventura County and University of California, Santa Barbara

Ventura County Sheriff 159.21, 156.15, 158.73, 158.835, 158.805, 155.31, 155.655, 155.625, 155.745, 155.145; VC Fire 154.01, 154.325; Local govt. 153.815 R; County roads 151.025; Parks & Rec 153.785; USFS Los Padres 170 .550 R; CHP Ventura 42.40B/42.16M; CHP Santa Barbara 42.54B/42.24M

University of California, Santa Barbara Police 155.505, 155.445, 155.475, 46.56; Santa Barbara Sheriff 460.275 R, 460.325 R, 460.025, 460.050; Santa Barbara County Fire 153.77, 154.25; CHP Santa Barbara 42.54B/42.24M; CHP San Luis Obispo 42.56B/42.72

FENCING - Held at Long Beach Convention Center

ARCHERY - Held at El Dorado Park, Long Beach

YACHTING - Held at Long Beach Shoreline Marina (NOT Main Harbor)

VOLLEYBALL - Held at Long Beach Arena

Long Beach Convention Center Security 151.865; Queen Mary 462.575, 464.375, 464.775; Long Beach Police F1 460.125 R (Downtown), F2 460.225 R (East & North), F3 460.350 R (Car to Car), F4 460.450 R (Detectives and Car to Car); 45.10, 45.78 (Police - detectives); Police 155.505 (HT's); Fire 153.95 (repeated on 453.550 R); Airport Security 453.700; Civil Defense 155.16; Life Flight Medical Helicopter 155.40; Lifeguards 155.925 (and PD freqs.); Buses 506.4125; Local govt. 860.2375 R; Parks & Beaches 453.225; Harbor Dept. 153.23; Bowers Ambulance 47.62; Sim's Tow 151.955; CSULB Police (State Univ PD - Chancellor's bldg. near Convention Center) 153.74; Marine radio channels: 16 (Calling/Emerg) 156.80, 06 (Safety) 156.30, 22A (Coast Guard Assistance) 157.10, 21 (Cutters & H'copters) 157.05, 83 (Cutter primary) 157.175; Coast Guard Security: 171.3375, 171.3625, 409.825, 415.925, 416.850, 417.00, 419.125; Intelligence 165.3125.

Is this enough for your scanners to handle? I hope so, my typewriter is about ready to go on strike! Just a few more freqs. to go. By the way, we at the PS-CA staff office would like to apologize to those of you who have sent in material which has not yet been printed. I have been busy typing up lists of Olympic related freqs so that all of you may have them available to you for listening to the Games. After all, the last time the Olympic Games were in L.A. was back in 1932. (Not in my lifetime!) ERIC (CA-LA-045)

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From ERIC (CA-LA-045):

A few last freqs. to plug up your scanners with!

| | | | | | |
|---|---|---|---|---|---|
| 148.65 | R | Army | National | Guard - | Los Angeles (Emergency) |
| 150.525 | | " | " | " | " " |
| 41.50 | | " | " | " | Los Alamitos |

**Public Safety - California continued**

| | | |
|---|---|---|
| 151.43 | R | Calif. Dept. of Fish & Game |
| 162.55 | | US National Weather (Los Angeles) |
| 162.40 | | US National Weather (San Diego & Santa Barbara) |
| 154.83 | | Los Angeles Police-Tac One (Hot Shot calls) You gotta have this one in your scanner |
| 154.77 | | LAPD Tac Two - Detectives, special units, surveillance, etc. |
| 154.995 | | LAPD Tac Three |
| 154.92 | | CLEMARS - Police Mutual Aid (You gotta have this one, too!) |
| 154.28 | | Fire Mutual Aid - 'WHITE' |
| 154.905 | | CHP Extenders (mobile repeaters) |
| 158.79 | R | Southern California Police Intersystem (155.43 control) |
| 460.025 | R | Orange County RED - Countywide Emergency |
| 122.75 | AM | Police Helicopters - hottest freq. in the air |
| 42.34 | | CHP Blue - Traffic, Escorts, Sigalerts, etc. (42.18m) |
| 506.8375 | R | LAPD Metro Division (you better listen to this one, too!) |
| 148.15 | R | CAP- CIVIL AIR PATROL |

From JERRY (CA-OR-002):

| | | |
|---|---|---|
| 929.7875 | | LAOOC (Paging) (Santiago Pk - 125w) 15F2, 16F3, 16F9Y |
| 161.22 | | LAOOC '' 350w '' '' '' |
| 72.78 | | LAOOC (link freq. to Santiago Pk) |
| 452.775 | R | Armored Transport Co. (Santiago Pk) |
| 450.1375 | | KABC TV 100w '' |
| 450.3125 | | KABC TV 100w '' |
| 171.825 | | NOAA Weather (CA/NV River Forecast Center) (Probably data) |

From ERIC (CA-LA-045):

More good stuff to listen to the Olympics with!

CalTrans - The guys who get to clean up the messes on the freeways

| | | |
|---|---|---|
| 47.02 MHz. | 'WHITE' | - Metro/Eastern/Long Beach/Orange/Westwood |
| 47.12 | 'BLUE' | - Ventura/Newhall/Foothill |
| 47.24 | 'GREEN' | - Signal Lab/Traffic Operations/Special Services |
| 47.08 | 'ORANGE' | - Car to Car |
| 47.10 | | - East Riverside/San Diego |
| 47.16 | | - West Riverside/San Bernardino |
| 45.68 | | - Freeways (F2) (F1 is 47.24) |

California Parks & Recreation (Beaches)

| | | |
|---|---|---|
| 44.68 | R (45.00 in) | - Orange, Riverside, San Diego Counties |
| 44.72 | R (45.04 in) | - Los Angeles, Ventura, San Bernardino Counties |
| 44.80 | (Freq. 3) | - Aquatic areas |
| 44.88 | (Freq. 4) | - Statewide Note: 44.68 & 44.72 can be simp. |

County & City Road Maintenance

| | |
|---|---|
| Los Angeles County | - 151.070, 150.995, 151.040 R, 151.115 R; L/G 153.98 |
| Los Angeles City | - 33.06 (Central), 33.02 (Valley); L/G 153.80 |
| Orange County | - 151.085 R; local gov't 153.92 R |
| San Bernardino Co. | - 156.060, 159.120; Local govt 155.115 R |
| San Diego County | - 156.120, 156.165, 156.225; L/G 155.82, 155.94 |
| Ventura County | - 151.025; 153.815 R (Local gov't) |

Southern California Rapid Transit District (RTD)-Los Angeles County

| | | |
|---|---|---|
| 43.78 | | Supervisors |
| 453.475 | R 'A' | Staff & Supervisors |
| 453.625 | R 'B' | Special agents/police |
| 453.275 | 'C' | Maintenance |
| 453.325 | 'D' | Unit to unit |

Buses

| | | | |
|---|---|---|---|
| F1 | 472.5375R | F6 | 472.6875R |
| F2 | 472.6375R | F7 | 472.7125R |
| F3 | 472.5625R | F8 | 472.6125R |
| F4 | 472.6625R | F9 | 471.3375R |
| F5 | 472.5875R | F10 | 471.3625R |

Orange County Transit

| | | | |
|---|---|---|---|
| 508.4625 | R Dial-a-ride | 856.4875 | (New system not yet in use) |
| 508.6625 | R | 857.4875 | |
| 508.6125 | R Dial-a-lift | 858.4875 | |
| 508.5125 | R Buses | 859.4875 | 860.4875 |

American Red Cross - Freq. 1 - 47.42 MHz. Freq. 2 - 47.50 MHz.

Towing Companies - Hook 'em and book 'em

AAA-ACSC (Automobile Club of Southern California) (Member road service)

Various freqs. including: 150.905, 92, 935, 95, 965; 452.525,55,575,60
Private tow companies: 151.655, 715, 745, 835, 895, 955; 154.515, 54;
461.175, 225, 300, 350, 375, 475, 575, 725, 750, 825, 850, 875,
461.900, 462.025, 125, 15; 463...250, 275, 300, 325, 375, 400, etc.
464.000 etc... Even a couple at 506 and 800 MHz! Is that enough?!

Private Security - Rent-a-Cops (Oh boy, pretend cops, too!)

Basically the same frequencies used by tow services, typical business band allocated frequencies. Good luck finding them.

| | |
|---|---|
| 151.805 | International City Security, Long Beach |
| 154.54 | Westec Security (also on 860.7875 R - Pasadena) |
| 151.625 | Gold Shield (F2 151.715) |
| 464.850 | Bonafide Security (Just to name a few!) |

as of 15-Apr-83

## L.A. TELEVISION BROADCAST SERVICES

| STATION | CH# | FREQUENCY | MODE | CALLSIGN | REMARKS |
|---|---|---|---|---|---|
| A.B.C. | | 450.1625 | R | KFS 632 | "ABC Base" |
| C.B.S. | | 455.1875 | S | KQV 755 | |
| N.B.C. | | 161.76 | S | KES 328 | "Network Desk" |
| ( 2) KNXT | 1 | 450.2875 | S | KQV 755 | News |
| (KCBS - | 2 | 450.5125 | S | KQV 755 | Engineering |
| new call) | 3 | 450.4125 | S | | tertiary use |
| | 4 | 450.6125 | S | | tertiary use |
| | 5 | 450.8000 | S | KQV 755 | Production |
| | 6 | 450.0875 | S | KQV 755 | secondary use |
| ( 4) KNBC | | 161.76 | S | KES 328 | News |
| | | 450.1875 | R | | remotes |
| | | 450.3875 | R | KES 396 | Engineering |
| | | 450.5375 | R | KES 396 | Production |
| | | 450.5625 | R | | remotes |
| | 1 | 25.87 | S | | |
| | 2 | 26.15 | S | | |
| | 3 | 26.25 | S | | |
| | 4 | 26.35 | S | | |
| ( 5) KTLA | 1 | 450.35 | S | KVY 773 | Engineering |
| | 2 | 450.35 | R | KVY 773 | News |
| | 3 | 450.25 | S | KVY 773 | secondary use |
| | 4 | 450.25 | R | KVY 773 | secondary use |
| ( 7) KABC | 1 | 450.1375 | R | KQV 845 | News |
| | 2 | 450.3125 | R | KQV 845 | Eng./Production |
| ( 9) KHJ | 1 | 450.2125 | R | KFT 347 | News |
| | 2 | 455.0875 | S | KFT 347 | Eng./secondary use |
| (11) KTTV | 1 | 450.5875 | R | KJP 464 | News/Production |
| | 2 | 450.5875 | S | KJP 464 | secondary use |
| (13) KCOP | | 455.3125 | S | WZZ 706 | News |

News =usually the Assignment Desk
Engineering =technicians monitoring the signal, various levels, etc.
Production =the Director, et. al., giving instructions to the crew

secondary use =sometimes used
tertiary use =used very rarely, if at all
remotes =Live shots (may include live program audio)

NOTES

( 4) KNBC also uses VHF-hi (152.51-152.81) mobile telephones
( 7) KABC also uses mobile telephones (unknown band)
( 7) KABC may be using 800 MHz (unconfirmed)
(11) KTTV also uses 26 MHz (25.87-26.47)

Some fun places to go during your free time (besides going to the GAMES!

From STEVE (CA-SD-011): Ref. last months info on KNOTTS BERRY FARM correct call sign is KML654. Also, here are additions to Sea World.

| | | |
|---|---|---|
| 154.515 | WYJ287 | F1 Security SEA WORLD |
| 154.54 | WYJ287 | F2 Operations |
| 154.54 | KGM444 | Hub S/W Research Institute |
| 42.96 | KSW418 | Paging |
| 35.72 | KVN312 | Hydrofoil Boats/Skytower |
| 171.05 | | Killer Whale Show Wireless |
| | | |
| 453.20 R | | F1 Wild Animal Park Security/Park Operations |
| 453.80 B | | F2 Wild Animal Park Monorail "Simba Cr." |

**********

| | | |
|---|---|---|
| 151.805 | WYA936 | Marineland |
| 151.685 | WXM831 | Marineland |
| | | |
| 152.90 | KWL760 | Universal Studios |
| 152.93 | KMK699 | Universal Studios |
| | | |
| 464.4625 | | Disneyland (Security) (see new list, below) |
| 464.5125 | | Disneyland (Special events) |
| 462.575 | | Disneyland (unknown usage) D'Land Hotel (Primary) |
| | | |
| 461.4375 | KC5971 | Magic Mountain |
| 154.60 | KP2843 | Magic Mountain |
| 154.54 | KY7426 | Magic Mountain |
| | | |
| 464.775 | | Queen Mary Security |
| 464.375 | | Queen Mary Operations |
| | | |
| 151.895 | | San Diego Zoo Security |
| | | |
| 464.875 | KBN784 | Lion Country Safari |
| | | |
| 453.95 | | Anaheim Stadium and Convention Center |

| | |
|---|---|
| | New D'Land Radio Syste |
| 154.60 | Disneyland Rides |
| 154.57 | Disneyland Maintenance |
| 154.625 | Disneyland Paging |
| 464.575 | Disneyland Hotel |
| 42.98 | Disneyland Rides |

SPEC.EVENT 464.5125
SECURITY 464.4625
MAINT 464.4125
PARKING/OPS 464.4875
EMERGENCY 464.6375
TELEPHONE 464.7625

| | | |
|---|---|---|
| 151.625 | | Movieland Wax Museum Security |
| | | |
| 151.655 | KML654 | Knott's Berry Farm Security (STATION 'K') |
| 151.625 | | Knott's Berry Farm Maintenance |
| 154.57 | | Knott's Berry Farm Rides Maintenance |
| 464.55 | | Knott's Berry Farm Entertainment |
| 464.825 | | Knott's Berry Farm Marketing |
| 158.46 | | Knott's Berry Farm Paging |

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From ERIC (CA-LA-045):

APPROACH CONTROL TO LOS ANGELES (FOR THE SUMMER OLYMPIC GAMES!)

Highways and biways (CHP Extenders on 154.905 MHz.)

1. From the North
   CHP Bakersfield 42.50B/42.82M; CHP Tejon, Newhall 42.08B/42.28M
   CHP Ventura 42.40B/42.16M (Access via I-5 or coast)
2. From the East
   CHP Indio, Banning, Blythe 42.44B/42.28M;
   CHP Riverside 42.54B/42.24M; CHP Barstow 42.56B/42.72M
   CHP San Bernardino 42.60B/42.74M
   Riverside Sheriff 158.850, 158.82, 158.76, 159.09R
   San Bernardino Sheriff 155.97, 155.91, 154.74, 155.565, 159.21R
   (Access via I-10 or I-15)
3. From the South Coastal area
   CHP San Diego 42.88B/42.66M; CHP Oceanside 42.12B/42.20M

**Public Safety - California continued**

CHP Capistrano, Westminster 42.483/42.68M;
CHP Santa Ana 42.403/42.16M; Orange County RED 460.025 R
(Access via I-5, I-405 or coast)

LOS ANGELES METROPOLITAN AREA-CHP FREQUENCY ASSIGNMENT

| | | | |
|---|---|---|---|
| 42.463/42.70M | 'BLACK' | Central LA | Downtown area |
| 42.523/42.30M | 'YELLOW' | East Los Angeles | I-5, SR-7 |
| 42.123/42.20M | 'GOLD' | Santa Fe Springs | I-5, I-605 |
| 42.443/42.76M | 'PINK' | West Los Angeles, Malibu | I-405, I-10 |
| 42.503/42.82M | 'BROWN' | Glendale, West Valley | I-210, US-101 |
| 42.883/42.66M | 'ORANGE' | Baldwin Park, Ontario | I-10, I-210 |
| 42.563/42.72M | 'WHITE' | South Los Angeles | I-405, SR-11 |
| 42.083/42.28M | 'SILVER' | Newhall, Tejon, Lancaster | No. Desert |
| 42.343/42.18M | 'BLUE' | SigAlerts, Traffic, Escorts | (Statewide) |
| 42.423/42.84M | 'TAN' | Probable Olympic Activity | |

Railroads - Choo Choos

Amtrak 452.900 R (Also uses other R/R road channels)
Santa Fe 160.665 (Road), 161.07 (Yard), 161.37 (Yard), 160.26 (PBX)
So. Pacific 161.55 (Road), 160.38 (Yard), 160.47 (Yard), 160.89 (PBX)
Union Pacific 160.74 (Road), 160.41 (Yard), 160.29 (PBX)
Harbor Belt Line 160.98; LA Junction 161.13; San Diego & east 160.53

Airplanes - The Fly Boys

1. Los Angeles International Airprt (LAX) (A quiet, peaceful place!)

| | |
|---|---|
| TOWER | 120.95, 133.9 |
| APPROACH | 124.5, 124.9, 127.85, 128.5, |
| DEPARTURE | 124.3, 125.2 |
| GATE HOLD | 126.25 |
| CLR DELIV | 121.4 |
| HELICOPTER | 119.8 |
| ATIS | 133.8 (Approach), 135.65 (Departure) |

LAX POLICE
460.525

2. Ontario International Airport

| | |
|---|---|
| TOWER | 120.6 |
| APPROACH | 125.5, 127.0, 134.0, 119.65 |
| DEPARTURE | 125.5 (Westbound), 135.4 (Eastbound) |

3. Hollywood, Pasadena, Burbank Airport

| | |
|---|---|
| TOWER | 118.7 |
| APPROACH | 120.4, 124.6, 134.2, 135.05 (Also used for Departure) |

4. Santa Ana - John Wayne Airport

| | |
|---|---|
| TOWER | 119.9, 126.8 |
| APPROACH | 121.3, 124.65 |
| HELICOPTER | 128.35 |
| ATIS | 126.0 |

5. Long Beach Airport

| | |
|---|---|
| TOWER | 119.4 |
| APPROACH | 124.65 |

BOATS, SHIPS, YACHTS AND OTHER PUT - PUTS

Check your Marine Radio channels, mainly:

| | | |
|---|---|---|
| 16 | 156.80 | Calling & Emergency |
| 06 | 156.30 | Safety |
| 22A | 157.10 | Coast Guard |

See Long Beach area listing for more good freqs.

FOR YOU SUPER COOL GUYS & GALS WHO COME FIRST CLASS - THE SPACE SHUTTLE!

Monitor Columbia, Challenger, Discovery (or whoever is up this week!) on Amateur Radio repeaters.

224.04 R (JPL), 145.46 R (Buzzard Peak) Good listening!

Hope you enjoy listening to the 1984 Summer Olympic Games! It will be a challenge. If you have any HOT freqs. to share, send them to

PS-CA, Olympics, PO Box 3962, Santa Fe Springs, Ca 90670

Enclude a SASE & we'll send back a list of freqs. which have been

**Public Safety - California continued**
accumulated so far. Don't forget the special meeting FRIDAY JULY 27 (2000 hrs) at Mercury Savings & Loan. (See Calendar section for more info). (Remember to read RCMA May, June & July also!)

You can also call Communications Center of Anaheim's special OLYMPIC HOTLINE at (714) 533-INFO

See you at the OLYMPICS! Yeah for ol' USA!! Let's win some GOLD!!

Make sure you have a copy of Police Call Volume 9 and Southern California Detail Edition. Available from Communications Center, 915 N. Euclid, Anaheim, (714) 635-1033 $6.95 ea. (RCMA gets 10% disc)

Don't forget about mobile telephone & regular paging & business frequencies. They'll probably be crazy with activity. Remember, Motorola put up 97 transmit/repeaters just for the Olympics, and just 3700+ handie/talkies! Enough to listen to, yes? Maybe!

GOOD LUCK - See you next month! ERIC (CA-LA-045)

## PUBLIC SAFETY — SOUTH CENTRAL:

Send Public Safety and Special Emergency frequencies, radio system details, and questions as follows — Alabama, Arkansas, Louisiana, Mississippi, Tennessee, Oklahoma, and Texas:

Ken Pehl, 108 E. Centre St., Fredericksburg, Texas 78624.

Welcome to the August issue of the column. Summer is about over and I hope everyone is having a great time on their vacations. I hope all who venture out take their scanner and a notebook along. Afterwards take a moment and send in your notes of what you heard.

I promised you last month I would be back on my usual old typewriter, provided I had the sick little darling back from some "tender loving care" in "intensive care". Well, the typewriter repair shop must have figured I gave them my typewriter on a permanent loan, as I have not gotten it back yet. So you will have to make do with this modern replacement one more month.

This month we have some special treats for you. It seems that computers are the latest rage. We have received some computerized reports from two of our members. One even has graphics and all! So let's start with the reports for this month.

From PHIL, TX-97: Phil took the time to compile a new report on the Texas Dept of Public Safety (DPS) to update my old series of articles from 1981. I think Phil has done an outstanding job in presenting this material in a concise, yet complete and clear manner.

**HOW TEXAS DEPARTMENT OF PUBLIC SAFETY CHANNEL ONE OPERATES:**

FIGURE 1- MOBILE NEAR COMM. FACILITY

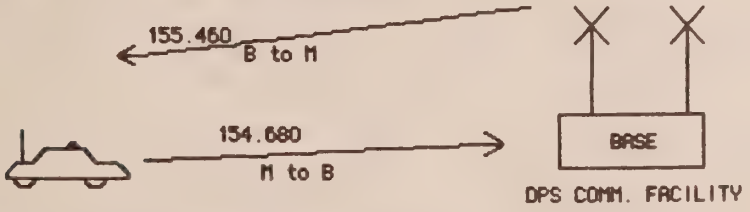
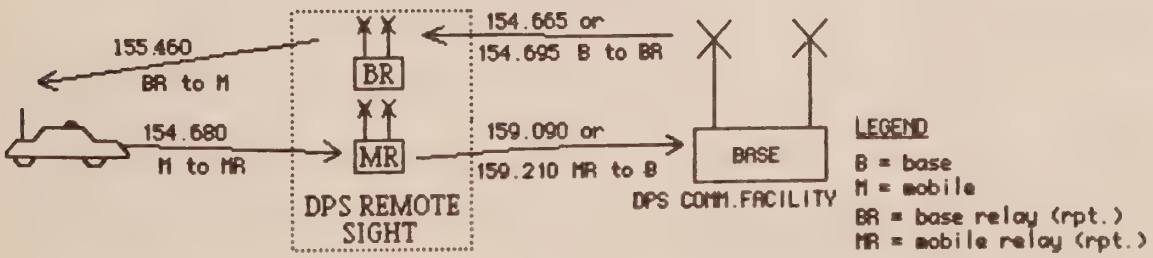



FIGURE 2- MOBILE IN REMOTE RURAL AREA



**RELAY LOCATIONS:**

**1 = 159.090 2 = 159.210**

| | DPS STATIONS | CALL SIGN | REPEATER |
|---|---|---|---|
| ** | Dallas | KKA603 | Grapevine = 1 |
| | Tyler | KKI414 | Beckville = 1 |
| | Sherman | KCY568 | Grapevine = 1 |
| ** | Sulphur Springs | KJW750 | Blossom = 2 |
| | Texarkana | KYL815 | |
| *** | Houston | KKC588 | Alvin = 1 |
| | " | " | Willow Springs = 2 |
| | Beaumont | KKE469 | Jasper = 2 |
| | Lufkin | KKH775 | Willow Springs = 2 |
| | " | " | Jasper = 2 |
| ** | Pierce | KUZ831 | Columbus = 2 |
| | " | " | Old Ocean = 1 |
| * | Corpus Christi | KKC784 | |
| | San Antonio | KKI413 | New Braunfels = 2 |
| * | Harlingen | KKA592 | Rio Grande City = 2 |
| * | Victoria | KKQ736 | |
| | McAllen | KVT812 | Rio Grande City = 2 |
| | Laredo | KAS430 | Hebbronville = 2 |
| * | Midland | KKS896 | Gail = 2 |
| | " | " | King Mountain = 1 |
| | Abilene | KKC674 | Loraine = 2 |
| | Del Rio | KDB200 | |
| | El Paso | KKA640 | Sierra Blanca = 2 |
| | Pecos | KKD397 | McDonald = 1 |
| | " | " | Guadalupe Pass = 2 |
| | Ozona | KSO940 | King Mountain = 1 |
| | San Angelo | KKA451 | |
| | Brownwood | WQJ456 | ? |
| | Lubbock | KKB489 | Plainview = 1 |
| | " | " | Crosbyton = 2 |
| | Amarillo | KKI412 | Alanreed = 2 |
| | " | " | Adrain = 1 |
| | Childress | KDG262 | Benjamin = 1 |
| | " | " | Alanreed = 2 |
| * | Mineral Wells | WXR376 | |
| | Wichita Falls | KKE241 | |
| | Waco | KKC523 | Temple = 1 |
| | " | " | Fairfield = 2 |
| | " | " | Glen Rose = 1 |
| | Austin | KKD303 | New Braunfels = 2 |
| | " | " | Temple = 1 |
| | Bryan | KKV232 | Flynn = 1 |
| | Kerrville | KCS508 | Junction = 2 |
| ** | Lampasas | KGY212 | Pontotoc = 2 |

* - denotes this station licensed for DPS Ch 8/Metro channel/ 155.445.

** - denotes this station observed using DPS Ch 8 -- confirmed

*** - denotes this station licensed/observed using 156.210 for Ch 8/Metro Channel.

Due to the extensive size of the state, some of this info may not completely or accurately depict the entire system in certain areas; therefore, Phil requests anyone having corrections or additions to this list to please provide us with the current info in their area.

Thank you, Phil, for this report. Lately I have been inundated with requests for DPS information. Lacking the time to do a complete revision of the state agency articles, which was necessary to do justice to those requesting the material, I absolutely enjoyed this report! I know this will become a new standard reference for Texas DPS info in the future.

From GARY, TX-94: Gary wrote in to update some system info from his July '82 report... The Jacksonville (TX) Fire Dept. has taken over operation of the ambulance service in Jacksonville from the Newburn Hospital. The channel 1 frequency, as given in the July 1982 column, has been changed to the Fire Dept paging frequency--154.175. Gary believes the present JFD apparatus/fire dispatch frequency of 37.26 will be changed to 154.175 in the near future. The Jacksonville FD also has a new Fire Chief. Also, Cherokee County will hopefully have their new County Fire Net channel active and in operation by summer (this being written in early spring). Gary advises several of the county Volunteer FD's have already bought their radios and are operating on 154.31 simplex. Gary believes the Cherokee County system will be on 154.160 repeater output.

Gary also provided copies of some articles appearing in various fire buff publications advocating the new technical concepts of "Amplitude Compandered Side Band (ACSB)" and also the cellular concept. Both are new ideas currently making headlines in technical circles. Since this is a bit too technical for this column, I won't go into the subject here. However, suffice to say, present day scanners are not capable of receiving such type signals. So let's hope the scanner manufacturers make receivers for these type signals before a large segment of public agencies begin using the new concepts.

A late note from Gary indicates that he has been active listening to some early morning skip from all around the state. From this activity Gary managed to confirm Concho Co. S.O. on 155.730 primary dispatch. Also heard was Austin DPS on 155.445. Tyler DPS has just completed moving their office to a new building location. At the present time no frequency changes took place, but that may still be in the future. Gary also notes that Houston DPS added some additional Driver's License Districts to their area, using 9330's and 9360's series unit numbers.

Thank you, Gary, for those interesting pieces of information. As always it is good to hear from you.

Forwarded by one of our members from an anonymous source: The following comes from a computer print-out listing a large variety of frequencies, many dealing with frequencies outside the public safety bands which this column covers.

```
 33.92  S Bell Co.          -- Bell Co. VFD's Dispatch & Fireground
 46.06  S Bell Co.          -- Temple FD dispatch & fireground
153.830 S Bell Co.          -- Killeen FD ?alt ch?
153.965 S Bell Co.          -- Temple local govt ch.
154.055 S Bell Co.          -- Temple local govt ch.
154.100 S Bell Co.          -- Nolanville, city local govt ch.
154.145 S Bell Co.          -- Harker Heights FD
154.190 S Bell Co.          -- Killeen FD dispatch & fireground
        Stations: 1) Downtown  2) near Toyota place  3) near cemetery
154.980 R Bell Co.          -- Killeen ISD school buses (input=153.920)
155.025 S Bell Co.          -- Rogers PD
155.115 S Bell Co.          -- Harker Heights - LG??
155.145 S Bell Co.          -- Bell Co. road dept.
155.190 S Bell Co.          -- Harker Heights PD
155.430 S Bell Co.          -- Temple PD
155.655 R Bell Co.          -- Bell Co. S.O.//input = 154.710
155.745 M Bell Co.          -- Bell Co. - LG (mobile only)
```

Public Safety - South Central continued

```
155.880 ? Bell Co.              -- Temple PD
155.985 ? Bell Co.              -- Bell Co. LG
156.090 R Bell Co.              -- Killeen PD // input = 155.490 confirmed
158.925 ? Bell Co.              -- Temple LG
462.975 R Bell Co.              -- Bell Co. EMS primary ch
462.950 R Bell Co.              -- Bell Co. EMS alternate ch.
154.370 S Caldwell Co.          -- Lockhart FD
 37.18  S Coryell Co.           -- Copperas Cove FD disp & fireground
154.800 R Coryell Co.           -- Coryell Co. Sheriff Dept//input = 155.685

154.965 S Coryell Co.           -- Gatesville LG//fire dispatch & PD tfc.
154.995 S Coryell Co.           -- Gatesville LG
155.415 S Coryell Co.           -- Copperas Cove PD
155.685 R Coryell Co.           -- Coryell Co. S.O.//input = 154.800??
158.760 ? Coryell Co.           -- Copperas Cove LG//city bldg inspectors
 45.12  S Burnet Co.            -- Burnet Co. local govt//road crews
 45.28  S Burnet Co.            -- Burnet Co. local govt//road crews
154.175 S Burnet Co.            -- Burnet Co. VFD dispatch
154.220 S Burnet Co.            -- Spicewood//Pedernales VFD
154.325 S Burnet Co.            -- Burnet Co. VFD's net
154.415 R Burnet Co.            -- Burnet Co. VFD//EMS dispatch
154.785 R Burnet Co.            -- Burnet Co. Sheriff Dept.//input = 155.535
155.115 S Burnet Co.            -- Burnet, city LG
154.025 S Lampasas Co.          -- Lampasas local govt ch.
154.385 S Lampasas Co.          -- Lampasas FD (city)
155.670 S Lampasas Co.          -- Lampasas PD
 46.18  S McLennan Co.          -- McLennan Co. VFD's
154.250 S McLennan Co.          -- McGregor VFD
154.875 R McLennan Co.          -- McLennan Co. S.O.//input = ?
155.220 S McLennan Co.          -- unknown ambulance company//Waco
155.730 S McLennan Co.          -- McLennan Co.--smaller towns' PD dispatch
 37.18  S Milam Co.             -- Rockdale EMS dispatch
155.790 R Mills Co.             -- Mills Co. S.O.// input = ?
154.070 S Travis Co.            -- Lago Vista VFD
154.145 S Travis Co.            -- Pflugerville FD (north)
154.205 S Travis Co.            -- SE Travis Co.FD/Ch 1
154.325 S Travis Co.            -- SE Travis Co.//Ch 2
154.400 S Travis Co.            -- Travis Co. FD
154.445 R Travis Co.            -- Hudson Bend VFD//F1
154.250 S Williamson Co.        -- Round Rock FD
154.130 S Williamson Co.        -- Georgetown FD
154.355 S Williamson Co.        -- Round Rock FD
154.370 S Williamson Co.        -- Cedar Park FD, Round Rock FD
154.430 S Williamson Co.        -- Taylor FD
154.860 R Williamson Co.        -- Williamson Co. Sheriff Dept//input = ?
155.250 S Williamson Co.        -- Taylor PD, Granger PD
```

From BRAD, OH-138: Our very active contributor from Tarrant Co. wrote to ask if any other member around the DFW area has been hearing activity on 45.54 MHz, apparently from somewhere in Texas? According to Police Call and the FCC microfiche, there are no licenses on 45.54 anywhere within the state of Texas! Can anyone help out?? [Editor's note: Last month there were some news media reports of the FCC catching several companies around Dallas and Ft Worth using frequencies (and bands) for which they were not licensed and could not be licensed. In one case a company business set up operations within the amateur 2m band. It is possible, I suppose, that such activity might be the case here.]

From DAVID, LA-31: David wrote to fill us in on some ambulance companies in his area---

Washington Parish Ambulance Service

```
Callsign: WRD 959
155.340 S ambulance to hospital; office to ambulance
```

Fisher Ambulance Service (Franklinton, La)
and Panther Ambulance Service (Bogalusa, La)

```
Callsigns: KKD 368  &  KNGQ 580
F1  39.60  S old dispatch ch. (little traffic)
F2  39.50  S dispatch by Sheriff Dept or Police Dept.// La. mutual aid
F3 154.860 R new dispatch channel-- Bogalusa PD dispatch
F4 155.640 M (input to 154.860 rptr)
```

(Editor's note: It is unknown why they number the repeater input frequency different from the repeater output frequency. ??)

It was once asked of your editor as to why the editor's own area was not represented in the column. Well, since this column is a little on the short side, your editor will now lay those problems to rest...

## GILLESPIE COUNTY

**Sheriff's Office**

Ch 1) 155.730 R KVF 680 -- Primary dispatch (155.010 input)
Ch 2) none at this time
Ch 3) 154.950 M Intercity mobile
Ch 4) 155.370 B KVF 680 -- Intercity base

(Note: S.O. can transmit on following frequencies as well):
152.0075 P KTG 716 -- EMS dispatch (S.O. dispatches EMS)
155.340 S KTG 716 -- S.O. to EMS & Hosp.
155.280 S KTG 716 -- alternate to above ch. (rarely used)
37.26 S KRJ 753 -- S.O. to County Gov't
45.08 S KKW 928 -- S.O. to City Gov't//dogcatcher//
and city admin. paging

**Police Dept**

Ch 1 155.730 R Fredericksburg PD -- dispatched by/on S.O. primary ch.
45.08 S Fred'burg PD night-watchmen

**Fire Channels**

* 154.400 P KQG 281 -- Fredericksburg VFD (Pager only)
46.12 S Gillespie County Fire Net --
--primary for all VFD's in county--
KNCC 989 -- Fredericksburg VFD station
KNBJ 795 -- Stonewall VFD station
KNBJ 796 -- Doss VFD station
KNBJ 797 -- Harper VFD station
KNBJ 800 -- Willow City VFD mobiles
45.08 KKW 928 -- Fredericksburg VFD alt. ch.
(primary for Fredericksburg public works)

* - With arrival of TFS communications van this frequency has been used Base to communications van for co-ordinating purposes. Van is equipped with synthesized VHF-high band radios.

**EMS Channels**

152.0075 P KTG 716 -- EMS dispatch (S.O. dispatches EMS)
155.340 S KTG 716 -- S.O. to EMS & Hosp.
155.280 S KTG 716 -- alternate to above ch. (rarely used)
155.730 R +++++++ -- S.O. primary ch//rarely used

**Local Gov't Channels**

* 37.26 S KRJ 753 -- Gillespie Co. road crews & Commissioners
* 45.08 S KKW 928 -- City of Fredericksburg Public Works & Utilities; city admin. paging.
* - denotes S.O. can transmit on these frequencies.

PAGING: Attention Robert Shay of Alabama-- please contact this editor immediately. I need your mailing address as I, unfortunately, misplaced your address. Another member has some information for you.

With that I think we shall say so long until next month. Remember to send in your notes gathered from your summer vacation monitoring listening. See you.

# Railroads

Gary L. Sturm and
Bill Farmer, Editors

Send information about railroad frequencies and their uses, railroad radio system details, and related questions to:

Bill Farmer, P.O. Box 1838, Thousand Oaks, CA 91360

Welcome to the August edition of the Railroads Column. We have run out of contributions to print, so this month we'll tap our own files for a list of Southern Pacific PBX installations systemwide. Please consider sending in some information on railroad radio in your area so we can share it with the membership. Feel free to send in questions also. We'd like to keep this column going, but will need your help to do so.

## SOUTHERN PACIFIC PBX

Frequencies:
All divisions except Lafayette, Pine Bluff, Kansas City:
F2 160.890/161.040
F3 160.950/161.160
Lafayette & Pine Bluff Divisions:
F2 160.680/161.400
F3 160.800/161.490
Kansas City Division:
F2 ??
F3 ?? Can anyone help us out on these?

| PBX Operator Location | Transmitter Location | Freq. | Approx. Coverage Area |
|---|---|---|---|
| | — OREGON DIVISION — | | |
| Portland | Blue Lake Lookout | F2 | Hillsboro to June |
| Portland | Mt. Scott | F3 | Portland to 10 mi. N. of Salem |
| Portland | Prospect Hill | F2 | Clackamas to Albany |
| Portland | Marys Peak | F3 | Eugene to Albany & Toledo Branch |
| Portland | Wolf Mtn. | F2 | Eugene to Crescent Lake |
| Portland | Odell Butte | F3 | Crescent Lake to Kirk |
| Portland | Chase Mtn. | F2 | Kirk to Grass Lake & Perez |
| Portland | Humbug Mtn. | F3 | Dunsmuir to Gazelle & Grass Lake |
| Portland | Goodwin Peak | F2 | Noti to Tunnel #18 |
| Portland | Z 12 | F3 | Coos Bay to Reedsport |
| Portland | Lane Mtn. | F2 | Cottage Grove to Riddle |
| Portland | King Mtn. | F3 | Weaver to Ashland |
| Portland | Mt. Ashland | F2 | Medford to Hornbrook |
| Portland | Likely Mtn. | F3 | Milepost 500 to Ravendale |
| Portland | Shaffer Mtn. | F2 | Ravendale to Stacy |
| | — SACRAMENTO DIVISION — | | |
| Sacramento | Sugar Loaf | F2 | Dunsmuir to Tehama |
| Sacramento | Chico | F3 | Gerber to Yuba City |
| Sacramento | Mt. Vaca | F2 | Arbuckle to Davis<br>Davis to Martinez<br>Martinez to Stockton<br>Davis to Sacramento<br>Sacramento to Gridley<br>Sacramento to Cisco<br>Sacramento to Stockton |
| Sacramento | Cisco Butte | F3 | Colfax to Norden Summit |
| Sacramento | Chimney Peak | F2 | Norden Summit to Sparks |
| Sacramento | Eagle Ridge | F3 | Fernley to Lovelock<br>Hazen to Thorne |
| Sacramento | Ragged Top | F2 | Massie to Humboldt |
| Sacramento | Winnemucca Mtn. | F3 | Humboldt to Preble |
| Sacramento | Argenta Rim | F2 | Preble to Palisade |
| Sacramento | Adobe Ridge | F3 | Carlin to Alazon |
| Sacramento | Pequop | F2 | Elburz to Lemay |
| Sacramento | Lakeside | F3 | Lucin to Ogden |
| San Francisco | Tracy | F3 | Stockton to Turlock<br>Tracy to Patterson |
| San Francisco | Creegan | F2 | Livingston to Berenda |

Railroads continued

| PBX Operator Location | Transmitter Location | Freq. | Approx. Coverage Area |
|---|---|---|---|
| | — WESTERN DIVISION — | | |
| San Francisco | Oakland | F3 | San Francisco, Oakland, Richmond |
| San Francisco | Loma Prieta | F2 | San Mateo to Salinas |
| | | | Union City to Salinas |
| San Francisco | Parson | F3 | Salinas to Bradley |
| San Francisco | Tassajera | F3 | King City to Surf |
| San Francisco | Tracy | F3 | Brentwood to Tracy |
| | | | Newman to Tracy |
| | | | Altamont to Tracy |
| Sacramento | Mt. Vaca | F2 | Martinez to Sacramento |
| | | | Martinez to Antioch |
| | — LOS ANGELES DIVISION — | | |
| Los Angeles | Fresno | F3 | Chowchilla to Kingsburg |
| Los Angeles | Traver | F2 | Kingsburg to Goshen Jct. |
| Los Angeles | Tipton | F3 | Goshen Jct. to Delano |
| Los Angeles | Pampa Peak | F2 | Delano to Tehachapi |
| Los Angeles | Oak Creek Pass | F3 | Tehachapi to 5 mi. n. of Hiland |
| | | | Tehachapi to 3 mi. n. of Vincent |
| Los Angeles | Santa Ynez | F2 | Santa Maria to Carpinteria |
| Los Angeles | Oat Mountain | F3 | Oxnard to Marne |
| | | | South Branches (Los Angeles) |
| Los Angeles | Running Springs | F2 | Marne to Banning |
| | | | Colton to Hiland |
| Los Angeles | Whitewater Hill | F3 | Banning to Mecca |
| Los Angeles | Superstition Mtn. | F2 | Mecca to Ogilby |
| Los Angeles | Glamis | F3 | Niland to Regina |
| | | | Niland to Calexico & to Indio |
| | | | El Centro to Cabezas & to Ogilby |
| Los Angeles | Telegraph Pass | F2 | Cactus to Yuma |
| | — TUCSON DIVISION — | | |
| Los Angeles | Telegraph Pass | F2 | Yuma to Dateland |
| Tucson | Oatman Mtn. | F3 | Dateland to Estrella |
| | | | Roll to Dixie |
| Tucson | Phoenix | F2 | Mesa to Phoenix |
| | | | Goodyear to Phoenix |
| | | | Chandler to Phoenix |
| Tucson | Pinal Peak | F2 | Estrella to Picacho |
| | | | Phoenix to Picacho |
| | | | Hayden Branch |
| | | | Miami to Bylass |
| Tucson | Mt. Lemmon | F3 | Picacho to Mescal (Tucson) |
| | | | Tucson to 10 mi. west of Nogales |
| Tucson | Heliograph | F2 | Chamiso to Separ |
| | | | Fort Thomas to Bowie |
| | | | Duncan to Lordsburg |
| Tucson | Gage Gap | F3 | Separ to Carne |
| Tucson | Aden Hill | F2 | Carne to Strauss |
| Tucson | Comanche Peak | F3 | Strauss to El Paso |
| | — SAN ANTONIO DIVISION — | | |
| Houston | Sierra Blanca | F2 | Fabens to 10 mi. W. of Van Horn |
| Houston | Valentine | F3 | 20 mi. W. of Van Horn to Aragon |
| Houston | Alpine | F2 | Aragon to 30 mi. W. of Sanderson |
| Houston | Sanderson | F3 | 30 mi. W. of Sanderson to 20 mi. E. of Dryden |
| Houston | Malvado | F2 | Pumpville to Amistad |
| Houston | Langtry | F3 | 20 mi. E. of Dryden to Comstock |
| Houston | Del Rio | F2 | Comstock - Bracketville |
| Houston | Spofford | F3 | Bracketville - Eagle Pass |
| Houston | Uvalde | F2 | Bracketville - D'Hanis |
| Houston | San Antonio | F3 | D'Hanis - 15 mi. E. of San Antonio |
| Houston | Marion | F2 | 15 mi. E. of San Antonio -Luling |
| Houston | Flatonia | F3 | Luling - Glidden |
| Houston | Bremond | F2 | Sutton - Thornton |
| Houston | Mexia | F3 | Kosse - Angus |

Railroads continued

| PBX Operator Location | Transmitter Location | Freq. | Approx. Coverage Area |
|---|---|---|---|
| Houston | Corsicana | F2 | Wortham - Ennis |
| Houston | Midlothian | F3 | Ennis - Dallas-Ft. Worth |
| | — HOUSTON DIVISION — | | |
| Houston | Eagle Lake | F2 | Glidden - Rosenberg |
| Houston | Houston | F3 | Rosenberg - Houston |
| Houston | Hempstead | F2 | Fern - Millican |
| Houston | Bryan | F3 | Navasota - Calvert |
| | — LAFAYETTE DIVISION — | | |
| Houston | Dayton | F2 | Fauna to Devers & Baytown Branch |
| Houston | Beaumont | F3 | Devers to Orange<br>Port Arthur Branch |
| Houston | Orange | F2 | Bobsher to Sulphur |
| Houston | Lake Charles | F3 | Edgerly to Welsh & to Gillis |
| Houston | Roanoke | F2 | Chloe to Crowley<br>Lake Arthur Branch |
| Houston | Lafayette | F3 | Crowley to Cade & Opelousas<br>Abbeville to Delcambre |
| Houston | Baldwin | F2 | Cade to Morgan City |
| Houston | Donner | F3 | Berwick to Raceland & to Houma |
| Houston | Avondale | F2 | Raceland to New Orleans |
| | — PINE BLUFF DIVISION — | | |
| Pine Bluff | Waterloo | F2 | St. Louis to Chester |
| Pine Bluff | Oak Ridge | F3 | Chester to Bell City |
| Pine Bluff | Dexter | F2 | Randles to Malden |
| Pine Bluff | Piggott | F3 | Malden to Paragould |
| Pine Bluff | Jonesboro | F2 | Marmaduke to Fisher |
| Pine Bluff | Keevil | F3 | Fisher to Stuttgart |
| Pine Bluff | Pine Bluff | F2 | Stuttgart to Rison & to Scott |
| Pine Bluff | Fordyce | F3 | Rison to Camden |
| Pine Bluff | Waldo | F2 | Camden to McKinney |
| Pine Bluff | Bright Star | F3 | Stamps to Darder & to Benton |
| Pine Bluff | Mt. Pleasant | F2 | Maud to Mt. Vernon & to Gilmer |
| Pine Bluff | Tyler | F3 | Gilmer to Jacksonville & to Athens |
| Pine Bluff | Nevada | F2 | North Dallas to Sulphur Springs |
| Pine Bluff | Corsicana | F2 | Athens to Hubbard<br>Wortham to Ennis |
| | — KANSAS CITY DIVISION - D.T.M.F. SYSTEMS — | | |
| Kansas City | Kansas City | F2 | |
| Herington | Maple Hill | F2 | |
| Herington | Herington | F3 | |

This column is for the exchange of space communications systems (manned or unmanned), frequency information, orbital data, hobby receiving equipment and antennas. Questions and column input pertaining to Space Communications Monitoring should be sent to:

Larry Van Horn (TN-014),1111 N. Carrier Pkwy., B-107, Grand Prairie, Texas 75050.

Greetings to all and welcome to this edition of Space Comm. We have a little material to cover this month so without further ado....

Space Activity Report

42A Progress 21 USSR 5/7 88.76 51.6 263 192 Mission: Supply tanker to Salyut 7 Space Station, Xmsn: 922.750 Mhz.

43A Cosmos 1550 USSR 5/11 104.8 82.9 1025 979 Mission: Standard NAVSAT, Xmsn: 150.0 Mhz.

**Space Communications continued**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 44A | Cosmos 1551 | USSR | 5/11 | 89.29 | 72.8 | 305 | 208 | Mission: Military Photo Recon, Xmsn: ? |
| 45A | Cosmos 1552 | USSR | 5/14 | 89.49 | 64.9 | 335 | 191 | Mission: Military Photo Recon: Xmsn: ? |
| 46A | Cosmos 1553 | USSR | 5/17 | 104.8 | 82.9 | 1013 | 975 | Mission: Standard NAVSAT, Xmsn: 150.0 Mhz. |
| 47A | Cosmos 1554 | USSR | 5/19 | 676.1 | 64.8 | 19166 | 19132 | Mission: GLONASS NAVSAT, Xmsn: 1250/1603.5 Mhz. |
| 47B | Cosmos 1555 | USSR | 5/19 | 676.2 | 64.8 | 19168 | 19141 | Mission: GLONASS NAVSAT, Xmsn:1250/ 1603.5 Mhz. |
| 47C | Cosmos 1556 | USSR | 5/19 | 676.3 | 64.7 | 19162 | 19144 | Mission: GLONASS NAVSAT, Xmsn: 1250/ 1603.5 Mhz. |
| 48A | Cosmos 1557 | USSR | 5/22 | 89.1 | 82.3 | 276 | 222 | Mission: Military Photo Recon, Xmsn: ? |
| 49A | Spacenet 1 | USA | 5/23 | 1436 | .05 | 35695 | 35662 | Mission: Geo-stationary COMSAT @ 119 degrees, Xmsn: 4/12 Ghz. |
| 50A | Cosmos 1558 | USSR | 5/25 | 89.1 | 67.1 | 318 | 178 | Mission: Long duration photo recon, search & find, Xmsn; 240 Mhz. |

AMSAT and ARRL propose second "Ham-in-Space" Mission

ARRL and AMSAT have submitted a joint proposal to NASA for another "Ham-in-Space" W5LFL type operation. The flight will occur next year on STS 51F/ Spacelab 2 that will fly in March, 1985. The document proposes that Astronaut Tony England, WØORE be permitted to carry and operate specific equipment from aboard the shuttle during the mission.

Proposed are additional operating bands( including an HF band) as well as new emission types beyond the 2 meter voice emissions used exclusively by W5LFL. Space Comm will keep the membership advised of this latest space comm opportunity as soon as more details are available. (Information courtesy of ASR- Amateur Satellite Report, Number 78, May 28, 1984)

Spacenet 1 launched

TVRO buffs now have a new satellite to point your dishes at now. On May 23, Spacenet 1 was launched from French Guiana on an Ariane rocket. This satellite is a hybrid with both 4Ghz and 12 Ghz transponders aboard.

At press time the occupants of each transponder and their assignments were still not clear. Any of our TVRO buffs out there that can give a hand with these and other TVRO satellites the help would be appreciated. I can always use information on what is on each satellite by transponder number, audio subcarriers, etc. Drop me a line if you would like to help with a TVRO listings.

Leasat Launch

As I write this column the launch of the next shuttle, the first flight of the Discovery will launch on June 25. Somewhere in a stack of goodies I saw that the Leasat, the next generation of Fleetsatcom built by Hughes was going to be launched. (I think) Nice to qualify that statement!! I hope to have more on this next month after launch. The Leasat is suppose to carry a UHF 225-400 Mhz type transponder on board. Those of you so equipped take note.

Correspondance

I would like to have run some correspondance in this space this month but there has been none in the last two months. Surely there most be more people in a group of 4000 that listen to satellites than the mailbox indicates. Remeber that your contributions make this club run. Without them we would not have a newsletter. I hope to hear from you next month and see your contributions in this column or we will be alittle thin again. Till next month 73's and best of satellite DX to all.

# Technical Topics

Send all equipment reviews, technical articles, technical tips, and questions on such subjects as receivers, antennas, preamps, accessory equipment, repeaters, links, tones, scramblers, non-voice data transmissions, or even computer applications for monitoring to:

Stephen A. Kayworth, 21551 Kapok Circle, Boca Raton, FL 33433

## Pandora's Box
## An Idea That's Come of Age

The Greek myth concerning Pandora is familiar to many of us. It's often been reported that so and so opened Pandora's box or that such and such a situation was a real Pandora's box (also referred to as a can of worms). As the story goes, "Zeus gave Pandora a container filled with misery and evil and warned her never to open it...(but)...Pandora opened the box, releasing all the evil in (to) the world" (From: The Mentor Dictionary Of Mythology & The Bible, by: Daigle and Lapides). One of the evils that Pandora, in her folly, may have released strikes terror in the hearts of scanning enthusiasts everywhere. I'm speaking, of course, of the scanner that won't scan, or the scanner that only works when it's cold (or when it's hot), or the the scanner that will only work on Tuesdays between 2 and 4 PM.

Although not everyone has had a scanner problem (I'm one that has), those who have had difficulties know that it can be quite frustrating. I often receive mail asking if a particular scanner is reliable or if I know how to fix a problem with a particular unit. I find it hard to answer such questions intelligently since I don't have good access to a variety of scanners. I wish I had the resources (money) to have one of everything, but therein lies the problem - I don't. With that point made, let me tell you what I have in mind.

I believe it's time that the RCMA had a Pandora's box of its own, but this box would be very different from the one in the Greek legend. Instead of letting our problems out of the box, we would put them into it. You, the readers and members of the RCMA, have more experience with, and knowledge about, your scanners than I could gain in a lifetime, so why not put that experience and knowledge to use. I would like to see your complaints, comments, questions, and suggestions in our version of Pandora's Box.

Bearcat Model: 250 S/N: 123456

Display Goes Blank

When scanner is on for a short period of time scanner display goes Blank except for decimal point at far right hand edge of display. The problem only goes away by unplugging AC cord from scanner and replacing after a few minutes.

I have not been able to fix this problem. I have not yet sent unit to factory for repair.

Steve Kayworth
21551 Kapok Circle
Boca Raton, FL 33433

Annonymous Please

The way the box would work is as follows: If you have anything to say or if you have a question about a scanner or receiver, write it down on a 4" X 6" card (smaller cards ok too). The card should contain the following information: Make, model, and serial number of unit; a short heading as to the nature of the complaint, comment, question, or suggestion; and a brief discussion of your chosen topic. Include your name and address at the bottom of the card if you wish. Your name and address is optional, but if you do give this information and

would rather remain annonymous, please state so on the card. I have included a sample card as a guide. It would be very helpful if you would standarize on this format. This will make it much esier to find information since it will always be on the same place on all the cards.

As cards start comming in, they will be placed in a card file according to unit type and subject. Any pattern that exist will soon become evident. My goal is to be better informed in a general way so that I can better inform you when I see a specific problem develop. Don't just send problems. Send your suggestions about ways to improve your unit. If enough of you make the same suggestion, It might be appropriate to pass the information along to the manufacturer. Another subject on which I hope to see a lot of cards is successful repairs. If you have had a problem and have been able to repair it or know what was done to repair it, please pass that information along too. In short, any information you have about your scanner should be considered for the box.

Here in South Florida we have a growing number of RCMA members. One of these is Dale (FL 184). I see Dale quite often (we go to the same church), and I decided to ask him if he would like to be involved with Pandora's Box. I presented the basic idea to him one Sunday morning. His response was favorable. About a week latter, I asked him if he was still interested. He was still anxious to help, so I made him caretaker of the box. Dale's duties will be to receive cards from you and catalog them. If he sees a pattern, he may write it up for me or just give me the information for inclusion in the "Technical Topics" column.

There is one rule that we will generally stick to. Anything you send to Dale will be filed but not responded to. If you would like a reply on something, send me a card or letter (don't forget a stamp or SASE).

Please give Dale your support. He is quite capable and, with your input, will do a very admirable job. You can send your cards to:

**Dale Wagner**
**3620 SW Dolphin Drive**
**Delray Beach, FL 33445**

Personally, I'm not crazy about calling this card file "Pandora's Box." I would like to get a name from you, so if you have any good ideas, jot them on a card and send them to me.

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I am taking a week long vacation this month, so I am going to leave you with this shorter-than-normal column. I hope to have some new and exciting subjects to write about when I return. I just received a thick envelope from Jim (IL-060). It contained a stack of information on Amplitude Companded Sideband or ACSB for short. I'm very interested in delving into this subject. Watch for a column covering ACSB in the near future.

Until next time,

Steve, FL-183, WA4WNE

# VHF Marine

Send information, articles, frequencies and their use, and questions that relate to private, commercial, and Coast Guard VHF maritime and inland waterways radio communications to:

Emmett L. Baxter, Jr., 4122 Granby St., Norfolk, VA 23504

Hello and welcome to your AUGUST VHF MARINE COLUMN.

The mail has picked up this month and I thank you.But now lets hear from those of you out there that have never written in before.I would like to hear from you and to all of you contributing regulars please keep up the good work.

This month Larry (MI-001) has prepared another in his series "Great Lakes Triangle of Activity".This report concerns the Wisconsin area.

VHF Marine continued

A - SUPERIOR:

156.425 - Ch. 68 - Bankers Island Marina
156.450 - Ch. 09 - University of Wisconsin
156.500 - Ch. 10 - Burlington Northern Railway
156.800 - Ch. 16 - Burlington Northern Railway
156.800 - Ch. 16 - University of Wisconsin
156.800 - Ch. 16 - Bankers Island Marina

B - STURGEON BAY:

156.450 - Ch. 09 - Bay Shipbuilding Corp.
156.450 - Ch. 09 - Sturgeon Bay Yacht Club
156.500 - Ch. 10 - Selvick Marine Towing
156.600 - Ch. 12 - Door County
156.650 - Ch. 13 - Door County
156.725 - Ch. 74 - Selvick Marine Towing
156.800 - Ch. 16 - Bay Shipbuilding Corp.
156.800 - Ch. 16 - Sturgeon Bay Yacht Club
156.800 - Ch. 16 - Door County
156.800 - Ch. 16 - Selvick Marine Towing

C - GREEN BAY:

156.425 - Ch. 68 - University of Wisconsin
156.450 - Ch. 09 - Green Bay Yachting Club
156.700 - Ch. 14 - Green Bay.& Western Railway
156.800 - Ch. 16 - Green Bay & Western Railway
156.800 - Ch. 16 - Green Bay Yachting Club

D - MANITOWOC:

156.350 - Ch. 07 - Manitowoc Yacht Club
156.425 - Ch. 68 - Manitowoc Yacht Club
156.800 - Ch. 16 - Manitowoc Yacht Club

E - SHEBOYGAN:

156.425 - Ch. 68 - Sheboygan Yacht Club
156.425 - Ch. 68 - First Sheboygan Corp.
156.800 - Ch. 16 - Sheboygan Yacht Club
156.800 - Ch. 16 - First Sheboygan Corp.
156.800 - Ch. 16 - Daniel V. Johnson
156.800 - Ch. 16 - Wharf-Sheboygan,Inc.
156.900 - Ch. 18 - Daniel V. Johnson
156.900 - Ch. 18 - Wharf-Sheboygan,Inc.

F - MILWAUKEE:

156.425 - Ch. 68 - Jerry C.,Inc.
156.450 - Ch. 09 - University of Wisconsin
156.450 - Ch. 09 - Duckows Island Yacht Club
156.450 - Ch. 09 - Milwaukee Yacht Club
156.450 - Ch. 09 - Walfrid A.Freidman
156.450 - Ch. 09 - South Shore Yacht Club
156.500 - Ch. 10 - City of Milwaukee
156.600 - Ch. 12 - City of Milwaukee
156.650 - Ch. 13 - City of Milwaukee
156.800 - Ch. 16 - University of Wisconsin
156.800 - Ch. 16 - City of Milwaukee
156.800 - Ch. 16 - Associated Fishing
156.800 - Ch. 16 - Duchows Island Yacht Club
156.800 - Ch. 16 - Milwaukee Yacht Club
156.800 - Ch. 16 - Walfrid A.Freidman
156.800 - Ch. 16 - South Shore Yacht Club
156.800 - Ch. 16 - Jerry C.,Inc.
156.900 - Ch. 18 - Associated Fishing

G - RACINE:

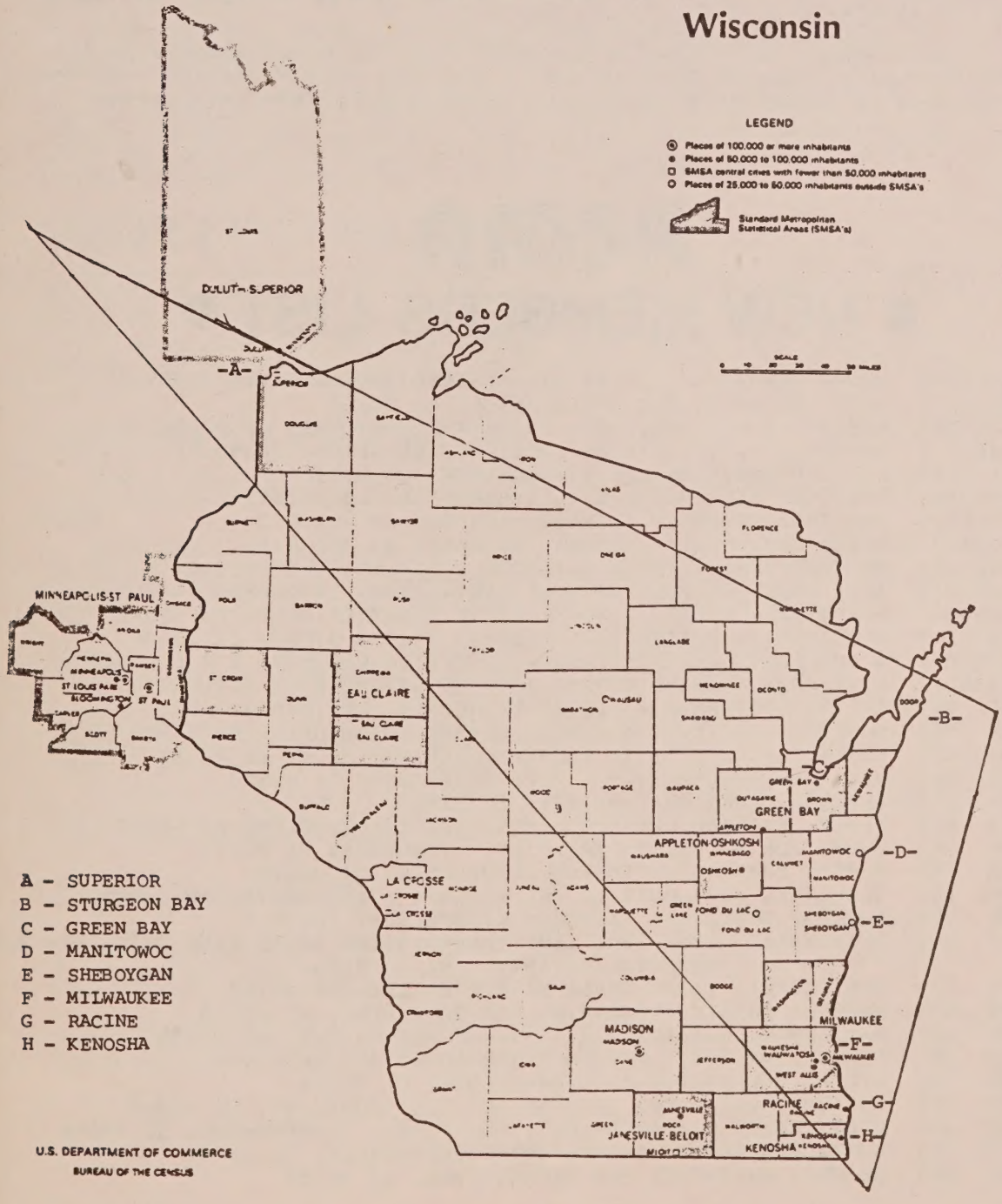
156.425 - Ch. 68 - Harbor Lite Yacht Club
156.425 - Ch. 68 - Racine County Water

VHF Marine continued

156.425 - Ch. 68 - Racine Yacht Club
156.450 - Ch. 09 - Fifth Street Yacht Club
156.450 - Ch. 09 - Palmer Johnson,Inc.
156.500 - Ch. 10 - James J. Mauer
156.600 - Ch. 12 - Fifth Street Yacht Club
156.600 - Ch. 12 - Palmer Johnson,Inc.
156.600 - Ch. 12 - Racine Yacht Club
156.800 - Ch. 16 - Harbor Lite Yacht Club
156.800 - Ch. 16 - James J.Mauer
156.800 - Ch. 16 - Racine County Water
156.800 - Ch. 16 - Fifth Street Yacht Club
156.800 - Ch. 16 - Palmer Johnson,Inc.
156.800 - Ch. 16 - Racine Yacht Club
156.850 - Ch. 17 - Racine County Water

H - KENOSHA:

156.450 - Ch. 09 - Kenosha Yacht Club
156.450 - Ch. 09 - Gatti Boat Sales & Service
156.800 - Ch. 16 - Kenosha Yacht Club
156.800 - Ch. 16 - Gatti Boat Sales & Services



VHF Marine continued

Those in need of other listings for cities covered here write for details and include a SASE to:

Larry A.Smith
1223 Vinsetta Blvd.
Royal Oak,MI. 48067

I would like to thank Larry for his past and present efforts in writing articles for this column.Any of you out there that have area marine frequency profiles for your area please send them in.

Also I would like to thank Trey Oliver for sending me several copies of the "Louisiana Frequency Exchange".It covers all phases of scanning and includes the marine area also.Anyone wishing to contact the "LFE" can at:

Louisana Frequency Exchange
P.O. Box 45913
Baton Rouge,La. 70895

Trey also reports that one of his readers reports hearing activity on 171.235 that sounds like Coast Guard traffic.Anyone in the New Orleans area hearing anything on this channel drop me a line.There will be more information upcoming on marine frequencies from the "LFE" in the future.

Next month I will have information from the Great lakes area,the San Francisco area,the Baltimore area and much more.Would you like for your name to appear in this column - just send in some information.

See you next month.

# RCMA

# • NEW MEMBERS LIST •

CALA579 JUDD, DENNIS L II;4183 SARAH STREET;BURBANK, CA 91505
CALA580 NEEL, BOB;P.O. BOX 55;LAWNDALE, CA 90260
CALA581 BARTASAVICH, GARY;14024 YUKON AVE;HAWTORNE, CA 90250
CALA582 HENCHEL, W.;531 RINDGE LANE;REDONDO BEACH, CA 90278
CALA583 KOEN, FRANK;5007 LEE ST;TORRANCE, CA 90503
CALA584 GRAVIER, BEN;3951 W 149 ST;HAWTORNE, CA 90250
CALA585 COLLINS, ROBERT* ADDRESS WITHHELD BY REQUEST
CAOR277 SANDSTROM, R.W.* ADDRESS WITHHELD BY REQUEST
CAOR278 DANKERT, DANNY;13672 FAIRMONT WAY;TUSTIN, CA 92680
CAOR279 REA, DAVID W.;1952 ROANOKE AVE;TUSTIN, CA 92680
CASD066 HEAVISIDE, GEORGE;10946 RAPATEE COURT;LA MESA, CA 92041
CASD067 MASCARENAS, GASTON;4547 ROBBINS ST;SAN DIEGO, CA 92122
CASF036 O CONNELL, DAN* ADDRESS WITHHELD BY REQUEST
CASR022 PATTERSON, DONALD E JR* ADDRESS WITHHELD BY REQUEST
DE 017 BRYAN, JOSEPH;32 W PLOVER DR;NEWARK, DE 19702
GA 053 HOWLAND, STEVE;2926 PEACH ORCHARD RD;AUGUSTA, GA 30906
GA 054 HUTCHESON, JEFF;1336 PALMER PLACE;MABLETON, GA 30059
IL 283 WIDLARZ, JOSEPH;5409 W 25TH PL;CICERO, IL 60650
IL 284 QUALLS, JERRY;BOX 445;AVA, IL 62907
KY 044 HENRY, RICHARD LEE;478 LAMONT DRIVE;LEXINGTON, KY 40503
MA 147 HUPP, JON A MD;38 GARDEN ST 1;BOSTON, MA 02114
MA 148 BIRCH, BARRY;44 GLENDALE RD;BELMONT, MA 02178
MD 090 SCHUSTER, MARILOU;5763 TWELVEMONTA CT;COLUMBIA, MD 21045
ME 019 MORROW, GREGORY * ADDRESS WITHHELD BY REQUEST
MI 142 SKIBINSKI, JOHN/ LAKE SIDE TOWERS;15000 SHORE LINE DRIVE APT 215; STERLING HEIGHTS, MI 48078
MI 143 ORR, ROBERT L;748 GRACE ST;NORTHVILLE, MI 48167
NV 015 WARREN, DONALD BRUCE;P.O. BOX 5041;RENO, NV 89513
NY 287 MALINCHAK, DARIA;147 W. 79TH ST APT 6A;N.Y, NY 10024
OH 161 RINI, CONNIE;517 CARSON ST;GRAND RIVER, OH 44045
OK 030 VACIN, BILLY;2202 E. CYPRUS;ENID, OK 73701
OR 065 CHLSON, EUGENE;901 SW KING APT 1109;PORTLAND, OR 97205
SC 023 LYDA, CLYDE O /KA4PQA;P.O. BOX 2233 R 7;GREENWOOD, SC 29646
TX 151 CHITWOOD, COREY L;6523B SAYLE;GREENVILLE, TX 75401
WI 072 DEJONG, MARK;P.O. BOX 8;FRIESLAND, WI 53935

# MEMBERSHIP CARDS AND BADGES

RCMA has no badges, decals, or membership cards for sale or distribution. The label on your newsletter is your membership card. While other clubs may have gimmicks or commercial good deals, our 'good deal' is your newsletter. You determine its content because you write it.

# MAILING PROCEDURES

The newsletter mailed each month has a cover date for the following month. This practice is followed so that the US Post Office can deliver your issue no later than the first of the month designated on the cover.

New members whose applications are received before the end of the month will begin receiving the newsletter the following month. The first issue will be dated the month after that — as described above.

# RENEWAL PROCEDURES

The date printed after the membership number on your newsletter mailing label shows the last month of your current membership. It is important to renew your membership by that date, as promptness on your part ensures uninterrupted delivery of the newsletter.

Renewal checks and new membership applications received by RCMA's General Manager, P.O. Box 542, Silverado, CA 92676, are processed for deposit on a weekly basis. Actual computer updating is done at the end of each month. Therefore, it is possible that your check or money order can be received — and even deposited — and your next issue will contain the statement "renewal overdue" on the mailing label. This simply means that your renewal was received after the cut-off date for runnning updated mailing labels.

# PRORATED MEMBERSHIPS

Due to postage costs and other considerations, membership applications or renewals for any sum less than the current rate are prorated accordingly. This means that the renewal date will be due in less than a year. Please do not send more money to finish the year; just renew when your prorated date comes up.

Also because of postage costs, RCMA cannot comply with member requests to supply back issues free of additional charge (see the monthly Calendar section regarding ordering of back issues). If a late renewal results in a missed issue, the newsletter can be ordered from RCMA's secretary.

# ADDRESS CHANGES

MEMBER notifications of address changes are also updated at the end of each month. If this type of address change notice arrives after the cut-off date, the mailing label will not reflect the new address until the following month.

The newsletter is mailed 3rd class under a bulk mail permit. When a member's address change is supplied by the POST OFFICE (instead of by the member), the charge to the club is 25¢. Although this fee is supposed to include forwarding of an issue to the new address, the result is often simply a return of the issue to P.O. 4563. The message is clear: when you move, notify RCMA yourself. Don't wait for the Post Office to do it.

# SPECIAL FREQUENCY REQUESTS

Get in touch with your local RCMA group (see monthly Calendar section for chapter listings) or use the Contact/Information Wanted column for frequencies in your area. RCMA is not yet set up for national distribution of frequencies, although ultimately, the 'big picture' could include copies of the FCC and IRAC data bases, a fast computer, and software to select and sort in any order.

Contributions of frequencies and other material must be sent to the appropriate newsletter editor. (Editors use their own discretion in printing material sent them by non-members.) Data sent to P.O. Box 4563 is always subject to delay and sometimes cannot be forwarded because of postage costs.

# DISCLAIMER

RCMA is a non-profit club for scanner enthusiasts. Neither RCMA or its newsletter are affiliated with, participate in the management of, or are responsible for, any other organization or publication. This disclaimer includes application to POLICE CALL, an annual publication put out by RCMA's good friend Gene Hughes. Queries about this publication cannot be answered by RCMA.

PLEASE REMEMBER — When writing to RCMA for any reason, include your membership number. Use it on your correspondence, checks, or money orders. RCMA tries hard to be responsive to your questions/problems. Using your membership number when you write helps us be of help to you.

The Radio Communications Monitoring Association is a radio club for persons interested in listening to two-way communications. RCMA was founded in May 1975 and is a Full Member of North American Radio Clubs (ANARC).

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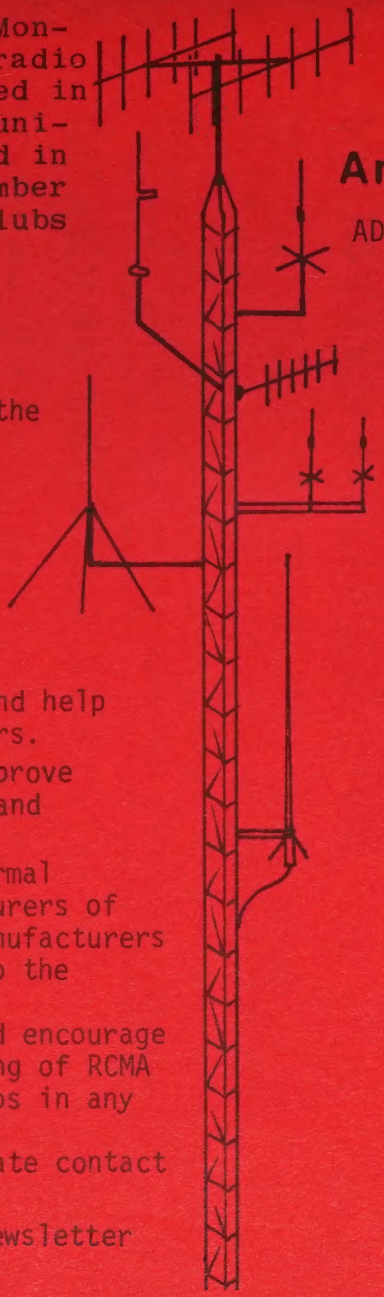
The goals of RCMA are:

1) To provide a fraternity for those who seriously pursue the hobby of monitor radio listening.
2) To try to be knowledgeable about two-way radio systems and operations.
3) To promote an understanding of the legal and ethical uses of monitor receivers.
4) To share information with and help other monitor radio listeners.
5) To try to understand and improve receivers, antenna systems and related equipment.
6) To offer suggestions and formal recommendations to manufacturers of monitor receivers and to manufacturers of other products related to the hobby.
7) To offer suggestions for and encourage the organizing and conducting of RCMA meetings and tours for groups in any geographic area.
8) To encourage and to facilitate contact between members.
9) To publish a regular club newsletter devoted to the hobby.



**RCMA**
**P.O. Box 4563**
**Anaheim, CA 92803**

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